

**UNIVERSITY OF ALBERTA**

folio

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University receives record support

AHFMR funds research in strokes, diabetes, health economics

By Phoebe Dey

As baby Erika prepares to leave the hospital after her miraculous recovery from severe hypothermia, a University of Alberta researcher has received funding to further investigate the role hypothermia may play in helping cure some patients.

Dr. Fred Colbourne is one of 33 researchers at the University of Alberta who will share in a \$25 million pot awarded by the Alberta Heritage Foundation for Medical Research (AHFMR). The funding was part of a \$53-million announcement given to a total of 235 Alberta investigators.

Colbourne, from the U of A's Department of Psychology, will receive approximately \$200,000 over the next two years to study how inducing hypothermia might be used to reduce cell and brain damage to stroke victims. During a campus press conference, Colbourne cited the now-famous case of little Erika Nordby, the Edmonton toddler who received worldwide attention after a miraculous recovery from extreme hypothermia, as an example of how his work can be applied.

"Many of you will remember the case of Erika—she was basically saved because of hypothermia," Colbourne said. "That's why this funding is so important to stroke research. We want to be able to get a better understanding of why hypothermia is so essential to reducing cell damage."

Colbourne has learned that, in rodents, a decrease in body temperature persistently decreases the size of lesions in the brain following a stroke. Although evidence supports inducing hypothermia in stroke patients, researchers are having difficulty securing funding for clinical trials. Unlike drug therapies, hypothermia can't be patented, which means pharma-

ceutical companies aren't coming forward to offer financing for the trials, said Colbourne.

Clinical testing is vital to the research, because if hypothermia is not induced properly, it can be harmful, he said.

Colbourne's research is part of a long list of university projects funded by AHFMR. Dr. Roger Smith, vice-president (research) at the U of A, highlighted the range of areas that will be supported by the announcement.

"This is not only going to the Faculty of Medicine and Dentistry but to people like Dr. Colbourne in psychology, others in phys. ed and recreation, law and rehab," said Smith.

"The breadth of support provided by the foundation is very important. AHFMR has laid the foundation to attracting some of the best and brightest to this university."

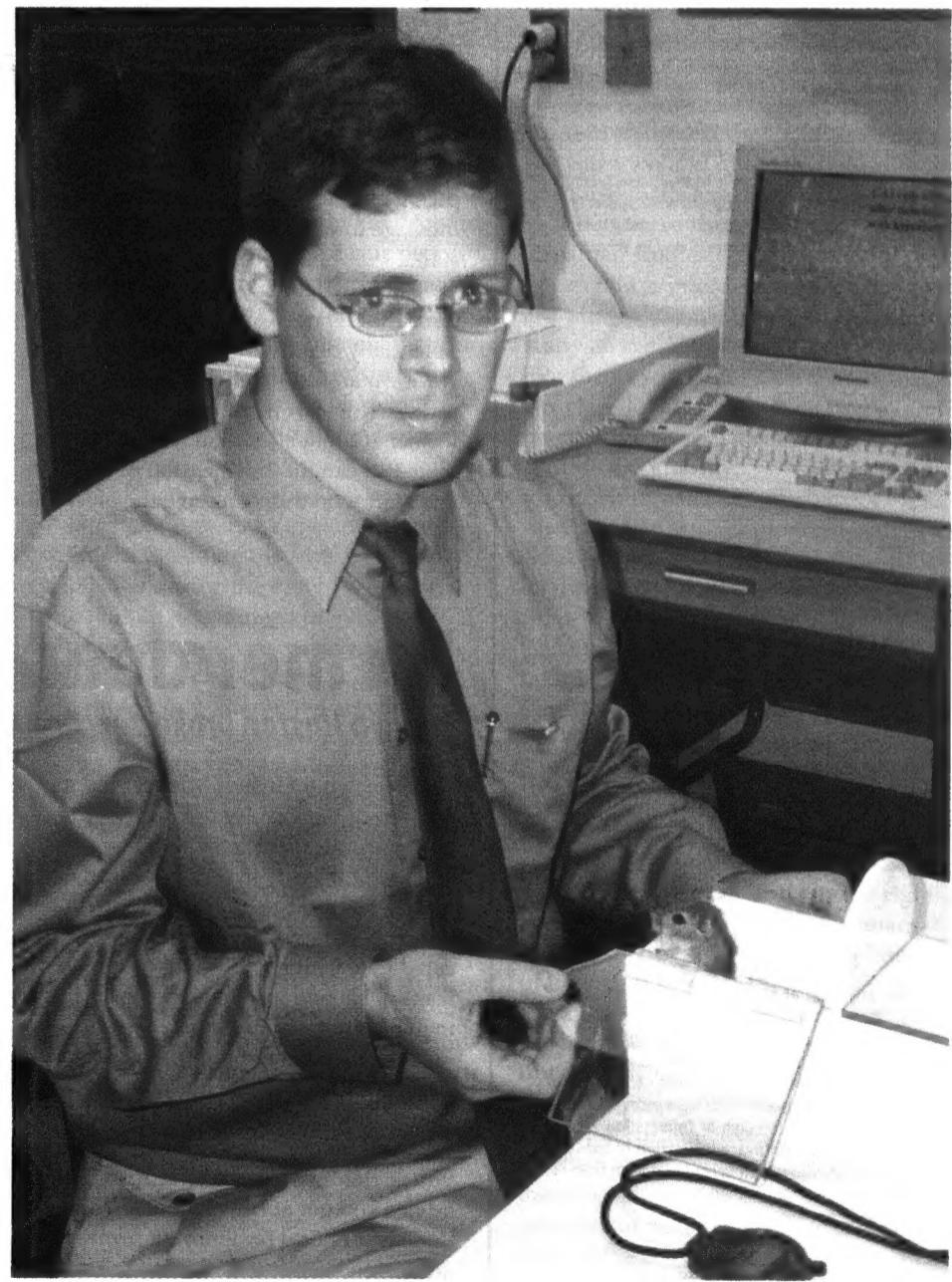
—Dr. Roger Smith, vice-president (research)

AHFMR senior personnel awards are presented to researchers in annual competitions. Applications are peer-reviewed by scientists from around the world and the highest international standards of excellence must be met in order to be funded.

The new funding announcement represents the most money ever awarded for research in a competition year in AHFMR's 21-year history, said Dr. Matthew Spence, AHFMR president and CEO.

"This is your money we are trying to invest in support of bright, young researchers in Alberta and from around the world so you and your children's health will improve," said Spence.

"Fred Colbourne is an example of the bright ideas we like to invest in and this work on hypothermia is very much in our minds with the miraculous recovery of



Dr. Fred Colbourne has discovered that rodents who have had induced strokes, followed by hypothermia, suffer decreased brain damage, including memory loss. New funding will help investigate the ways hypothermia might help human stroke victims.

young Erika. This funding announcement is a harbinger of more to come."

Other projects funded at the U of A

include research in diabetes, cancer, heart, population health and health economics. The money will be awarded July 1. ■

Study on healthy aging earns hefty support

SSHRC funding to trigger extensive survey of public policy and aging

By Terese Brasen

The University of Alberta's Department of Human Ecology has won \$338,218 in Social Sciences and Humanities Research Council (SSHRC) funding.

"The competition is pretty stiff," said a beaming Dr. Janet Fast, a U of A human ecology professor whose project Productive Activity in Later Life was one of just five Canadian university projects to receive funding under SSHRC's new Rethinking Productivity program.

"SSHRC challenged the research community to think differently about productivity," Fast said. "In traditional economics, productive activity is anything that one gets paid for; and yet, people participate in a lot of unpaid activities that are valuable to themselves and society. Traditionally, these unpaid activities aren't counted as productive."

Fast's project will study how productivity is tied to health and successful aging. Recent literature on aging suggests staying productive is key to staying healthy. "It is feeling needed, doing something that other people value and look to

you for" Fast explained. "It is common sense, yet when it comes to public policy we don't value those things."

Fast said three of her human ecology colleagues, Dr. Donna Dawsman and assistants Jacquie Eales and Sherry Anne Chapman, will use the SSHRC funding to conduct a three-year study of how productive activity changes as one ages and approaches retirement.

The project will decipher time-use and diary data from 1981 to the most recently available (1998) statistics. In one year, Statistics Canada contacts between 10,000 and 12,000 Canadians, gathering detailed information on our daily activities, health and quality of life. "We have at least three, possibly four waves of Statistics Canada data, so we can do comparisons over time," Fast said.

The U of A human ecology team will collaborate with Dr. Anne Gauthier, from the University of Calgary's Department of Sociology and with researchers from Syracuse University to access similar time-use data from 25 to 30 countries. Russia, for example, has been collecting such information for more than a century, longer than any other country has. The team will compare, cross-tabulate and look for patterns that explain the link between public policy and productivity in later life.

Fast added that departments like human ecology have difficulty competing for industry sponsors. "Our natural partners are community agencies and policy shops that don't have any money. It is difficult to find an industry partner to support research on family violence, for example."

In this case, the human ecology department is partnering with Human Resources Development Canada, the National Advisory Council on Aging and the Pembina Institute, an independent, citizen-based think tank interested in the value of unpaid work.

"We want to inform policy and practice," explained Fast. "Our partners will use the information to develop programs for seniors or policy that facilitates successful aging."

While SSHRC dollars allow Fast and her colleagues to engage in research that may change federal policy and shift attitudes towards aging and unpaid work, Fast believes the research dollars also make the classroom more relevant.

"One of the major advantages of an education at a research institution is professors teach and do research. I bring the most recent research results into the classroom and show how policy may change as a result of some of the work I do."



Dr. Janet Fast is studying the ways public policy affects our productivity as we age.

Out of the five SSHRC rethinking productivity grants, two went to the U of A.. Dr. Alice Nakamura of the U of A School of Business Department of Finance and Management Science will receive \$411,782 from SSHRC to develop new ways to measure labour productivity. ■

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OFFICE OF PUBLIC AFFAIRS,
400 ATHABASCA HALL,
UNIVERSITY OF ALBERTA,
EDMONTON, ALBERTA T6G 2E8

LEE ELLIOTT: Director,
Office of Public Affairs

RICHARD CAIRNEY: Editor

GEOFF McMaster: Assistant Editor

CONTRIBUTORS:

Teresa Brasen, Richard Cairney, Phoebe Dey,
Geoff McMaster, Ryan Smith

GRAPHIC DESIGN:

Elise Almeida, Tim Hoffpauir, Penny Waite

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Inquiries,
comments and letters should be directed to
Richard Cairney, editor, 492-0439
richard.cairney@ualberta.ca

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University
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Where
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The University of Alberta maintains a database of all alumni. This database is used to send you news about the U of A, including Folio and New Trail, invitations to special events and requests for support. On Sept. 1, 1999, post-secondary institutions were required to comply with the Freedom of Information and Protection of Privacy legislation of the province of Alberta. In accordance with this legislation, please respond to one of the following options:

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Gunman sparked flurry of subscriptions to Campus Alert

Campus-wide e-mail system helped avert disaster

By Richard Cairney

When staff at the University of Alberta's Campus Patrol Services found out March 7 that a disgruntled former student had armed himself and returned to campus, they fired out a campus-wide e-mail message to warn students, faculty and staff.

That single measure made a tremendous difference, warning people of the potentially deadly threat. The campus-wide e-mail ultimately led to the man's arrest, with staff members reporting the former student's location. The blanket e-mail also caught the attention of students and staff who didn't receive the alert—and

it sparked a flurry of requests to subscribe to the Campus Alert service.

"In the first afternoon (following the arrest of the gunman) I probably received 20 e-mail subscriptions," says CPS Sgt. Jim Newman, administrator of Campus Alert. "Usually, there's nothing. But since then we've had about 300 people subscribe to the service. We were getting a lot of phone calls too, asking how to subscribe to the service."

CPS reserves use of the mail-out service for urgent matters. Subscribers to the service will receive "probably one or two" notices a month, said Newman.

"We send out things like advisories

on some circumstances we've had, like 'there have been thefts from one of the libraries, so keep an eye on your personal effects,' or reports of suspicious persons on campus."

The university has used the e-mail alert system for about two years, basing it on a model used by the University of Nevada. Newman said there are about 5,000 subscribers to the system now, "but I'd like to triple that, if I could."

Anyone whose e-mail address ends with '@ualberta.ca' can subscribe to the service on-line at www.cps.ualberta.ca/alerts.htm. ■

Former dean a pioneer in his field

Mervyn Huston broke new ground in research, and made us laugh along the way

Dr. Mervyn J. Huston, who served as dean of the Faculty of Pharmacy and Pharmaceutical Sciences at the University of Alberta from 1946 – 1978, passed away March 4 at the age of 88. Huston will be remembered as a pioneer in his field, dedicated to teaching and improving his profession. He will also be remembered as a man of exquisite humour.

Few members of the University of Alberta's Class of 88 will forget the convocation address delivered by Dr. Huston.

"The first bit of advice I would offer you is: don't pay any attention to the advice you get at convocations. You've done just fine so far ignoring professional advice, so keep it up," he told the students. "I do not imply that the advice would be bad. It wouldn't. But by taking it you might miss the opportunity to make some salutary mistakes."

"It is necessary for you to make your own decisions and learn from your mistakes. Ignorance is correctable. Stupidity is forever. A person who hasn't made a plenti-

tude of boo-boos in his life hasn't been aiming high enough."

Huston went on to describe his own failed efforts to change the university's motto from Quae cumque vera—Whosoever Things are True, to Quae Erebe Vera—What the Hell is True? The latter, he reasoned, "was more in keeping with a questing, questioning, dynamic university."

He graduated from the University of Alberta in 1937 and returned as a lecturer at the School of Pharmacy two years later. He became acting director in 1946 and director in 1947. Under his leadership for the next three decades, the school expanded into the Faculty of Pharmacy and Pharmaceutical Sciences with 15 full-time faculty and staff and student enrolment of 125. Huston was responsible for pioneering developments: he established the first nuclear reactor for pharmaceutical research, a project that received worldwide recognition.

Huston was also the founder of the Canadian Journal of Pharmaceutical

Science. He wrote a text on pharmaceutical arithmetic but also wrote for sheer pleasure. In 1982 he received the Leacock Award for Humour for his book Gophers Don't Pay Taxes. He authored a series of humorous books: The Great Canadian Lover (1964), Toasts to the Bride (1969), Canada Eh to Zed (1973) Great Golf Humour (1977) and Golf and Murphy's Law (1981). He also wrote several radio plays and a musical drama, The Chicken with the Big Eye. ■

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message from the president

Turning a spark into a flame

It's our job to teach students to learn

Every fall, when our new recruits arrive on campus, I have the opportunity to speak with them about the university's aspirations for our students. We talk about critical thinking, developing communication skills and independent judgement, but at the core lies their personal spark—their inherent curiosity to know "why." Our challenge is to nurture this personal excitement about learning and to work with each of our students towards the successful development of their "agility to learn."

This "agility" extends beyond mere ability as a technical skill. Certainly, we want to ensure our students have the ability to locate knowledge in a library or on the web, to talk to the right person, to recall a certain set of facts, and demonstrate adherence to good grammar or the scientific method. But, how does a university education move learning beyond the

technical abilities and, most assuredly, beyond the memorization-regurgitation cycle?

William Butler Yeats once said education is about "lighting a fire, not filling a pail." I firmly believe that students who choose the University of Alberta experience have the spark to learn. We need to transform that spark into a fire through innovative delivery of course material, experimentation, and mentoring.

Our campus is a model among Canadian universities, with our indisputable slate of outstanding teachers. With 22 3M Fellowship winners since 1986, our faculty have fanned many a spark to a blaze.

3M Fellow and Professor of Pharmacology David Cook says the key is to make sure curriculum engages students, even if the approach is not initially popu-

lar. He says students are comfortable and familiar with what he calls the "bulimia approach to education" of regurgitation. But getting them involved in small group learning, role playing, and interaction with working professionals encourages self-reliance without need for spoon-feeding.

An example of the success of this type of engagement with learning at the University of Alberta was awarded the national Alan Blizzard Award last year for innovation in course delivery. The interdisciplinary course required students from different health sciences programs to work together, improving their understanding of the team process and other disciplines while making learning come alive through research, debate, and hands-on project work. As Professor Cook pointed out, our students need to learn how to learn from the beginning of their training, otherwise

"they will end up practicing medicine or dentistry that is increasingly outdated."

In a research-intensive environment, our students have an additional advantage. No matter what the discussion, there are always unanswered questions. By bringing the frontiers of knowledge right into the classroom from the first year onwards, our faculty can mentor students on to the next level of discovery, or to find a new application for the knowledge they have. And I know it has been the experience of many of our outstanding teachers to be approached by inspired students to assist them in taking their experience to the next level.

As a university with the motto "Quaecumque Vera," or, "Whosoever Things are True," there couldn't be a more noble pursuit than helping unleash and develop in each student a life-long agility to learn. ■



Prof recognized for commitment to aboriginal law

Aboriginal Justice Award goes to U of A prof

By Richard Cairney



Catherine Bell is the first U of A professor to earn the Aboriginal Justice Award.

University of Alberta law professor Catherine Bell knows you can sell a house and still keep the memories of your family growing up there. She also knows that in aboriginal cultures, material possessions aren't as easily separated from emotional, communal and spiritual history.

"If a community loses a sacred mask, and there are songs that are associated with that mask, the community loses those songs too," Bell explains.

As a founding member of the U of A's Indigenous Law Program and an active member of the university's School Council for Native Studies, Bell immerses herself

in the themes of aboriginal justice. Along with U of A philosophy professor Dr. David Kahane, she is currently assembling a collection of essays on resolving legal disputes between cultures. The book, to be published by UBC Press, was inspired by a conference on intercultural dispute resolution held at the U of A in 1999.

Another project she's working on, with University of British Columbia law professor Bob Patterson, is examining cultural appropriation and the repatriation of sacred and ceremonially significant objects to Native communities. This fall, she becomes the first full-time faculty member at the

University of Victoria's Akitsiraq Law School at Iqualuit, Nunavut. Bell will be teaching a course in property law at the northern school, which opens in September. For 3 1/2 months, she'll teach students about Inuit customary law—despite the fact that those laws aren't necessarily written down anywhere. "Some of it is written down," Bell said. "But I will be working with the elders to weave it into the curriculum."

It's that kind of commitment to aboriginal justice that earned Bell the 2001 Aboriginal Justice Award, says Leslie Sax, head of the U of A's Aboriginal Law Students Association. Bell is the first member of the U of A Faculty of Law to receive the honour.

"We thought, 'Let's give it to one of our own,'" said Sax. Of course, there's more to it than that. "She is completely committed to aboriginal justice issues," Sax added. "I think she really believes that people need help and, because of her degree and her education, she can give them that help. She is absolutely amazing."

The Aboriginal Justice Award was initiated in 1994 to mark the first graduating class from the Indigenous Law program, established to help address the under representation of aboriginal lawyers in Canada. The award recognizes persons who contribute to the development of aboriginal justice initiatives and cross-cultural justice initiatives in education and institutional reform. Bell focuses on both areas.

"Laws as they are don't take into account either indigenous concepts of property or the development of aboriginal rights laws," she said. "For example, there is legislation that delays the selling of cultural property outside of the country, and most of the property that gets stopped at the border is indigenous cultural property. There is a legal obligation to let museums know about these artifacts so they can try to buy the property and keep it in Canada, so they have an opportunity to buy it—but there is no obligation to let First Nations know about it."

"So they find out by guess and by golly. Someone at Simon Fraser University realizes 'hey, this is from the Nuxalk Nation and maybe it shouldn't have been sold in the first place.' The legislative regime is not up to date with aboriginal rights developments or with how Aboriginal People view their property."

Bell is humbled by the honour her students have bestowed upon her.

"One of the things I do in my research is to not only try to change the legal landscape and law as an institution that affects Aboriginal People, but to do it in a way that there is a direct benefit in the community," she said. "In order to do that I often will work with aboriginal communities to define the issues to explore solutions. So I think one of the reasons why the students wanted to recognize my work is that it is informed by the community—and I take my research back into the classroom." ■

University will move to new four-point grading scale

By Geoff McMaster

The General Faculties Council has voted to adopt a four-point grading scale to be implemented in the fall of 2003.

"The four-point system was the logical direction to go because it's the most common system in Canada and North America," Associate Vice-President (Academic) Anne-Marie Decore said during the March 20 meeting.

Universities in Lethbridge and Calgary already use a four-point scale, although not the same one, and Athabasca University uses percentages. Many other Canadian universities, and most universi-

ties in the U.S., are on a four-point standard.

Over the past year, Alberta's four universities have agreed on a common four-point system that would be easier to understand and would make transferring between schools more efficient. However, they were unable to agree on how to distinguish between an A+ and an A grade and so offered two variations—a 4.0 scale (which translates both A and A+ to 4, but also indicates alpha grades on transcripts) and a 4.3 scale (which translates an A+ to 4.3).

Now that the U of A has agreed upon the former, it will be taken through the approval process at the Universities of Calgary and Lethbridge, said Decore. Augustana, Concordia and King's University College all use the U of A's nine-point system but will now likely adopt the new scale.

Student representatives said they support the decision. However, some council members expressed concern that assigning A and A+ grades the same numerical value might compromise the grade point averages of some students.

"I certainly approve of moving away from the nine-point system...but we are creating a situation where someone with better grades would actually have a lower GPA," said Jerry Varsava of the Department of Comparative Literature, Religion and Film/Media Studies.

Decore responded that showing alpha grades on transcripts should be sufficient to indicate outstanding performance in a course.

The recommendation to adopt the new scale will now go to the Board of Governors for final approval. ■

The Kuchma-Gate Scandal and implications for Ukraine

A headless body, a vindictive leader and a state of chaos leaves the nation in a shambles

By David R. Marples

When Ukraine gained its independence in 1991, many analysts regarded this large central European nation as pivotal for international stability. By 1994, with Russia embroiled in its first war in Chechnya, the West looked to Ukraine as a balance between an expanding NATO and an increasingly belligerent Commonwealth of Independent States. Thus, recent events in Kyiv—with the president accused of complicity in the murder of an independent journalist, and brutal police crackdowns on demonstrators—have shocked the West. How can one explain the present troubles?

For eight years a power struggle developed between the president and Parliament. Last April President Leonid Kuchma expanded his authority in a carefully manipulated referendum—the results have not yet been implemented. Ukraine is also widely regarded as one of the most corrupt nations of the world, with a ruling oligarchy that has exploited its control over profitable sectors of the economy such as weapons and energy. In 1999, the Committee for the Protection of Journalists listed President Kuchma as one of the top 10 enemies of a free press, and it has been the crackdown in this area that may prove his undoing.

On September 16, Georgii Gongadze, editor of Ukrainska Pravda, a native Georgian, disappeared. A headless corpse

was discovered in a wood outside Kyiv several weeks later. Intrigue followed. Mykola Melnychenko, a 34-year old bodyguard of President Kuchma, became disillusioned with his employer's corruption, and had decided to tape secretly Kuchma's conversations with his inner circle. (Melnychenko reportedly learned the techniques of electronic surveillance while in the army.) He handed over 1,000 hours of recordings to former Speaker Oleksander Moroz, leader of the Socialist Party on November 26 and fled the country two days before the details of the first tape—regarding conversations between the president and his security advisors about Gongadze—were published. Only on February 26, 2001, did Ukraine's State prosecutor identify the body found in September as Gongadze.

The tapes reveal Kuchma to be an uncouth and vindictive man, a typical Soviet apparatchik, a man accustomed to power and intolerant of criticism, and a man skilled at using a system to eliminate or silence those with whom he disagrees. The tapes stun the listener with their sheer banality, demanding that Gongadze be "fed to the Chechens, castrated" etc. The president has been ruthless with his opponents. Yulia Tymoshenko, former first deputy minister for energy, is in jail, ostensibly because along with current Prime Minister Viktor Yushchenko, she changed

the barter system of trade in Ukraine—which ensured large profits for oligarchs—to one based on cash transactions. Lesser figures have been removed or eliminated.

Anti-government protests began on February 25. On March 9, a demonstration of 10,000 in Kyiv supporting a "Ukraine Without Kuchma" resulted in violent clashes with police and the detention of 217 people. Kuchma referred to demonstrators as a "brown plague" of neo-Nazis and claimed that many were being paid for their participation. In response, he ordered pro-Kuchma demonstrations of students and workers, with the threat of expulsion or dismissal for those who refused to participate. The same day police and protesters clashed, a new group—The All-Ukrainian Public Resistance Committee "For the Truth" was formed. Its goal is the reconstruction of the entire political, social, and economic system of Ukraine.

There is an overt campaign by the oligarchs to remove Yushchenko, the only remaining reformer in the cabinet. On April 10, the Prime Minister must deliver a report to Parliament on the Cabinet's fulfillment of its mandate. First Parliamentary Speaker Viktor Medvedchuk has already hinted that Yushchenko will be replaced. Other groups that wish to remove Yushchenko include the Democratic Union, led by Oleksander Volkos and the

Labour Union Party of Serhiy Tyhypko and Andriy Derkach. On March 15, a Communist Party-led demonstration in Kyiv, which attracted 3,000 protesters from many parts of Ukraine, demanded the ouster of both Kuchma and Yushchenko.

Ukraine has lost the confidence of Western political and business circles. On February 27, American President George W. Bush regretted the break-up of protests and warned Kuchma that future support from the US will depend on adherence to the rule of law. Writing in the March 2 edition of the Financial Times, George Soros, who has provided more than \$100 million in aid to Ukraine in various programs, urged Kuchma to step down from his post, pending the results of an inquiry into the Gongadze case. The president is completely distracted from the affairs of state and is seeking help from Vladimir Putin's Russia. He has lost his hard-won majority in Parliament. In the meantime, he will use the militia, the secret police and all the forces at his disposal to retain power by force. But Ukraine is not isolated. It is very much part of the world community. Its actions are judged under a sharply focused microscope and Kuchma's time may soon run out. ■

(David Marples is a professor of history and classics and director of the Stasiuk Program, studying contemporary Ukrainian issues, with the University of Alberta's Canadian Institute for Ukrainian Studies.)

folio letters to the editor

AIS report helps readers understand complex issue

Congratulations on an important achievement (the March 13 special report on Administrative Information Systems). This issue addressed a vital topic with thoroughly researched, insightful analysis.

It is a good example of the type of investigative journalism that could make Folio a much greater force on campus.

Keep up the good work and don't listen to the nay-sayers who will be urging you not to rock the boat. This sort of coverage can play a vital role in seeing that people better understand exactly what is going on in an important campus issue. It's much more useful in that regard than speeches by university administrators who cannot help but be part of the process.

Stuart McFadyen, Faculty of Business

PeopleSoft story is a solid case study

An excellent special report on the PeopleSoft story! Thank you very much. I hope you can put it up on the web so I can share it with some of my clients. It is hard to get an unbiased "case study" of the real risks faced in the move to big software.

William Nichols, management consultant, Edmonton

Special AIS report missed a couple of important matters

Folio should be congratulated for publishing a reasonably balanced and forthright report on the state of the university's Administrative Information Systems (Special Report, March 13). This is a refreshing change from some of the previous communications on this subject. However, there are a few things which were missed or require additional comment.

First, the decision to proceed with the financial, human resource, and academic records systems simultaneously should never have been made. This comment is not made in hindsight. Any senior administrator responsible for implementing new systems should have realized this. The implementation of any one of these systems represented a very major undertaking. Other jurisdictions, such as the Alberta government, recognized this and implemented the financial system first and followed it with the human resource (system) once the first one was installed and running properly. The common excuses for the university doing everything at once are "we had no choice" and Y2K. I do not believe either of these is valid. If a phased-implementation approach had been adopted, the life of specific legacy systems could have been extended. There would have been a cost associated with this but the cost of implementing the new systems would likely have been less. There is an old adage related to the development of

new systems: a system can be delivered i) quickly ii) with quality and iii) cheaply—pick two of the three.

The acknowledged cost of this project is \$35 million compared to the originally proposed \$7 million. It needs to be pointed out that this figure does not include any of the time expended by staff in faculty, departmental and administrative offices around campus during the implementation. In addition, many of these people have had to spend numerous extra hours to make the systems serve the needs in their particular area. Therefore the true cost is much higher than \$35 million.

In the original financial justification for these systems, considerable cost savings were identified. These were related to the fact that staff would be much more productive once these new systems were available, and translate into fewer people in a number of administrative areas. This has proven to be anything but true. It is time that the university acknowledged that the hard-dollar savings, which were claimed to exist, are unlikely to be realized.

Finally, I take issue with some of the comments made by Mr. Derraugh from PeopleSoft. In May of 1997, I was part of a five-person team, which went to California to listen to PeopleSoft's pitch about their academic record system. While it is true that the system was still under develop-

ment some of the functionality which was claimed to exist in the system has yet to be delivered, for example, web enablement and electronic grade books. So rather than our disappointment being "fuelled by the expectation that you could match what you were doing with a home grown system that was built by the U of A," it was fuelled by unfulfilled vendor promises.

This university will survive not because of but despite the new administrative systems.

K. C. Porteous, Associate Dean (Student and Co-op Services)
Faculty of Engineering

folio letters to the editor

Folio welcomes letters to the editor. Send your thoughts and opinions via e-mail to richard.cairney@ualberta.ca, fax at 492-2997, or by mail to Folio, Office of Public Affairs, 400 Athabasca Hall, Edmonton, Alberta T6G 2E8. Letters may be edited for grammar, style, accuracy and length.

The legend continues

University of Alberta honours its most outstanding athletes

The University of Alberta's tradition of excellence in athletics has been evident in recent years. The Golden Bears and Pandas' teams have been taking on all comers in all sports, with the Golden Bears hockey team closing in on its third consecutive CIAU championship. Today's athletes are continuing a legacy of excellence established by their predecessors. On April 3, the university looks upon its past with pride, inducting five athletes to the Sports Wall of Fame during a special ceremony at the Shaw Conference Centre. The U of A will also look to the future during the event, announcing the name of the new University of Alberta South Campus Athletics Facility as well. This year's inductees to the Sports Wall of Fame are:



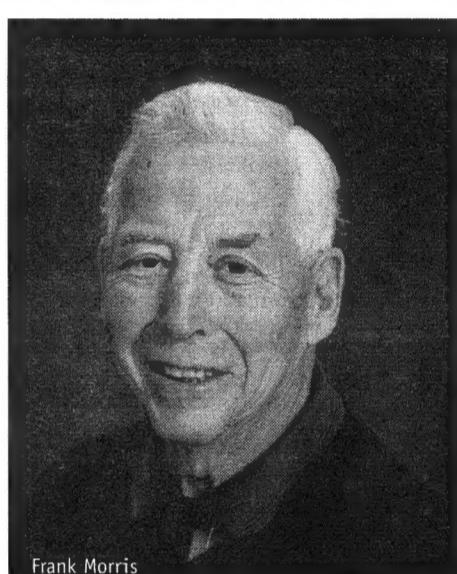
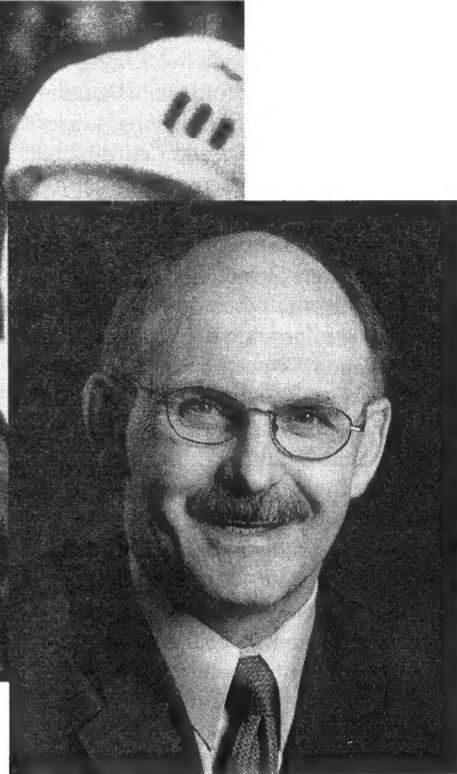
Bill Moores

BILL MOORES [B.Ed. 1972]

Bill Moores starred at the University of Alberta as an athlete and a builder. During the 1971-1972 season he led the Golden Bears Hockey team in scoring, to first place in the WCIAU, and to a third-place finish. It is, however, as a coach of the Golden Bears that Bill's mark has been most indelibly made. From 1976 to 1994 he served as an assistant coach with Clare Drake or as the team's head coach. During his seven years as head coach, the Golden Bears represented the WCIAU on five occasions and won the University Cup – symbolic of Canadian University hockey supremacy – twice. His teams never finished lower than second place in WCIAU league play. After leaving the University, Bill coached for two highly successful seasons in Japan and then returned to Canada to accept an assistant coaching position with the New York Rangers. Bill is currently an assistant coach with Craig MacTavish and the Edmonton Oilers.

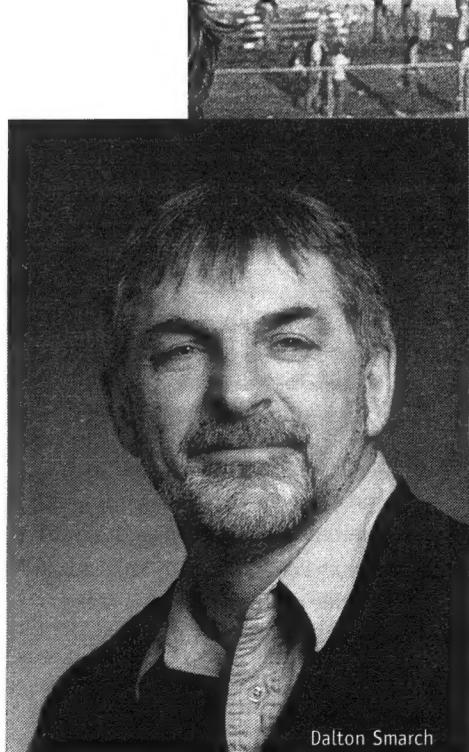
DALTON SMARSH [B.Ed. 1976]

Dalton Smarsh was one of the most outstanding running backs in the history of Golden Bear football. In five years (1972-1976) he established team, conference and CIAU rushing records that have stood for decades, and was captain in four of those five seasons. On four occasions

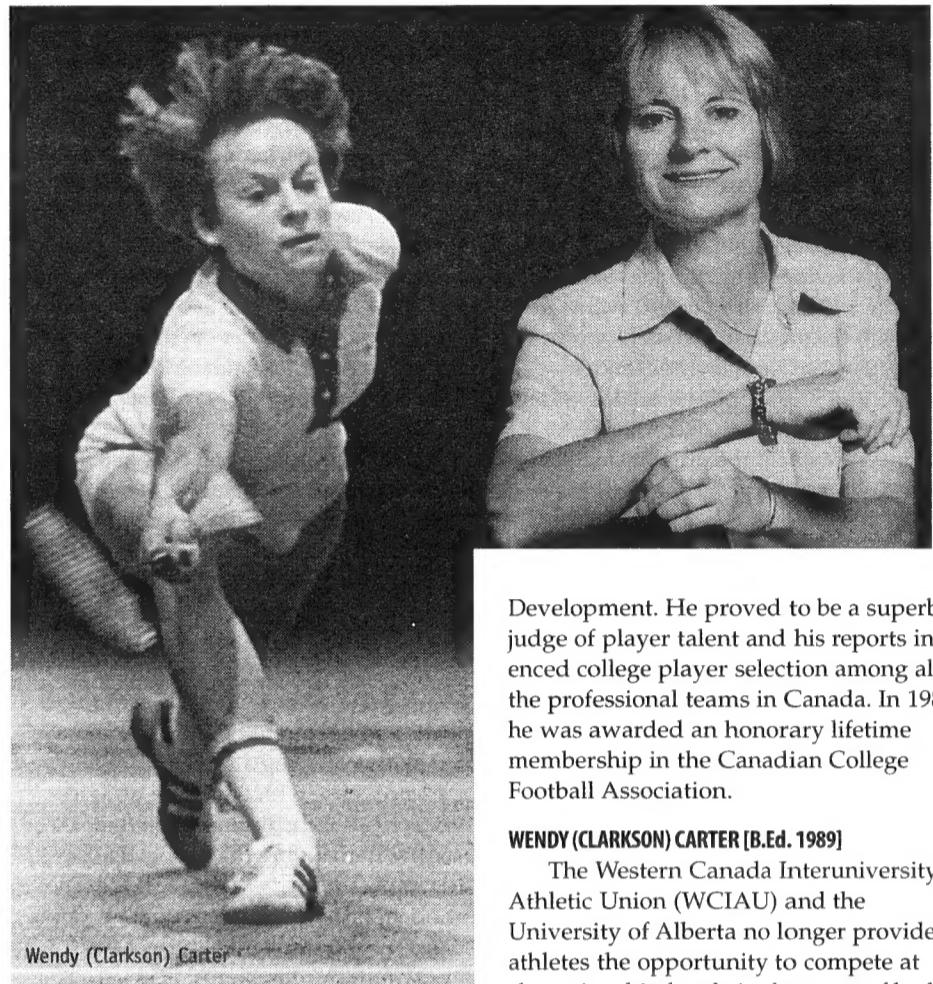


the league named him to its all-star team and in 1974 he was selected as a CIAU All-Canadian. In his rookie year he helped the Bears win the CIAU championship.

Drafted by the Saskatchewan Roughriders, Dalton elected instead a career in the world of education. Edmonton sport programs and Edmonton Public Schools benefited from that decision. He has served as a department head in physical education for 15 years, coached a wide range of



Dalton Smarsh



Wendy (Clarkson) Carter

Development. He proved to be a superb judge of player talent and his reports influenced college player selection among all of the professional teams in Canada. In 1981 he was awarded an honorary lifetime membership in the Canadian College Football Association.

WENDY (CLARKSON) CARTER [B.Ed. 1989]

The Western Canada Interuniversity Athletic Union (WCIAU) and the University of Alberta no longer provide athletes the opportunity to compete at championship levels in the sport of badminton. This was unfortunate for the U of A for, in 1975, one of its entering students was already a junior Canadian champion in this sport and this student would go on to be Canada's dominant female badminton player for the next decade. Wendy Clarkson (now Carter) competed in every major badminton event around the world winning numerous gold, silver and bronze medals in most. In 1977, representing Canada at the Pan Am Games, Wendy won gold in women's singles and in the team championships. The next year, as a member of Canada's Commonwealth Games team, she won the silver and the bronze medal in the team competition and in the ladies' singles respectively. In 1978 she was ranked as the third-best female badminton player in the world. As Wendy's international career ended, she went on to participate in senior's championships where she won Manitoba and Canadian titles. During this phase of her life in sport she has moved into the coaching ranks and her influence continues to be evident throughout Canada's badminton programs.

JUNE (JAMISON) MCDONALD [B.PE. 1961]

The University of Alberta Bakewell Trophy symbolizes outstanding athletic excellence among all participants on Panda programs. It was appropriate that June Jamison (now McDonald) won this premiere award in 1962. June had starred on Western Canada Interuniversity Athletic Union championship teams in golf, curling and volleyball during the course of her university career. This outstanding inductee won city, provincial and national titles in golf and curling (two national titles in 1966 and 1968). June (Jamison) McDonald went on in the world of sports to build the Junior Achievement organization of Northern Alberta and the Northwest Territories into the second largest of such programs in Canada. She served for years as a fundraiser for groups such as the Winnifred Stewart School, the Canadian Cancer Society, the Multiple Sclerosis Society, the Heart Fund and the Salvation Army. She has left her mark on our university and on our city. ■



June (Jamison) McDonald

Northern peatlands show effects of global warming

Sensitive area indicates what lies ahead as climate changes

By Ryan Smith

According to Environment Canada statistics, northern Alberta is in the midst of a 15-year warming trend.

Although no one can be certain why it's happening, Dr. Dennis Gignac believes 'greenhouse gases' are the cause.

Gignac, a biology professor at the Faculté Saint-Jean, believes the greenhouse effect—global warming caused by an increase in the production of gases such as carbon dioxide, methane and nitrous oxide—is "definitely happening" and it is affecting the weather patterns in northern Alberta. As evidence, he points to the Peace River area peatlands.

"Already we're seeing some of the peatlands drying up in northern Alberta," said Gignac, who has been researching boreal forests in Alberta for more than 15 years.

This is significant, Gignac said, because "there is generally a lag time of a few years between climate changes and

how vegetation reacts. But because peatlands are really sensitive to drying, they change almost as the climate changes, and they are precursors to what will happen to the rest of the boreal forests they are found in."

The drying of the Peace River area is particularly severe because declining precipitation in the region combined with warmer weather means any moisture that does reach the land evaporates more quickly. Gignac, an expert in climate changes and how they affect ecosystems, says that if current greenhouse gas emissions continue unabated, in "50 to 100 years we'll see average temperatures rise five degrees Celsius, and

that will mean dramatic changes to our landscape."

"For one, there is a northward migration of boreal forests, so we won't have as

many trees," said Gignac, referring to Alberta's boreal forest area, which begins at about Edmonton's latitude and continues north.



Peatlands in northern Alberta react quickly to changes in weather patterns. Dr. Dennis Gignac (inset) is studying the peatlands in order to predict the effects global warming will have across the continent.

many trees," said Gignac, referring to Alberta's boreal forest area, which begins at about Edmonton's latitude and continues north.

Gignac's goal now is to monitor changes to peatlands and boreal forests in Western Canada and then compile information from colleagues conducting similar

research around North America, in order to create a comprehensive database. He'll be free to pursue this project full time thanks to the McCalla professorship he recently won at the U of A, which allows him to concentrate solely on his research for nine months, beginning in September this year. ■

Grad students win 94 NSERC scholarships

Total dips slightly from last year, but U of A ranks near top of list

By Geoff McMaster

University of Alberta graduate students have won 94 scholarships in the latest Natural Sciences and Engineering Research Council of Canada (NSERC) competition. Worth about \$1,740,000 in total, the awards place the U of A fourth in the country behind the University of Toronto with 173, Waterloo University with 108 and the University of British Columbia with 104.

The U of A also brought in 12 post-doc-

toral fellowships worth about \$35,000 each.

Peter Steffler, associate dean of graduate studies and research, says while the results are a positive indication of the quality of U of A students, he is "disappointed" in the drop from last year. In 2000, U of A graduate students in engineering and sciences received 101 awards worth \$1,865,000.

"We did extremely well last year," he said. "Maybe this year's results are more

realistic, or maybe it's a bit of a down blip and we'll bounce back again next year." He said the university's application success rate was approximately 67 per cent this year, down from about 80 per cent last year.

The awards were part of \$62 million in funds handed out by NSERC to 1,924 young researchers across the country: 1,689 at the postgraduate level and 235 at the postdoctoral level.

In announcing the awards on International Women's Day, NSERC President Tom Brzustowski said the number of successful women applicants has risen steadily to 43 per cent from 31 per cent in 1992.

"This is a very satisfying national trend indeed and reflects a significant improvement in women's participation in the fields of science and engineering," said Brzustowski. ■

Computing team crunches competitors

Students win bronze at world programming finals

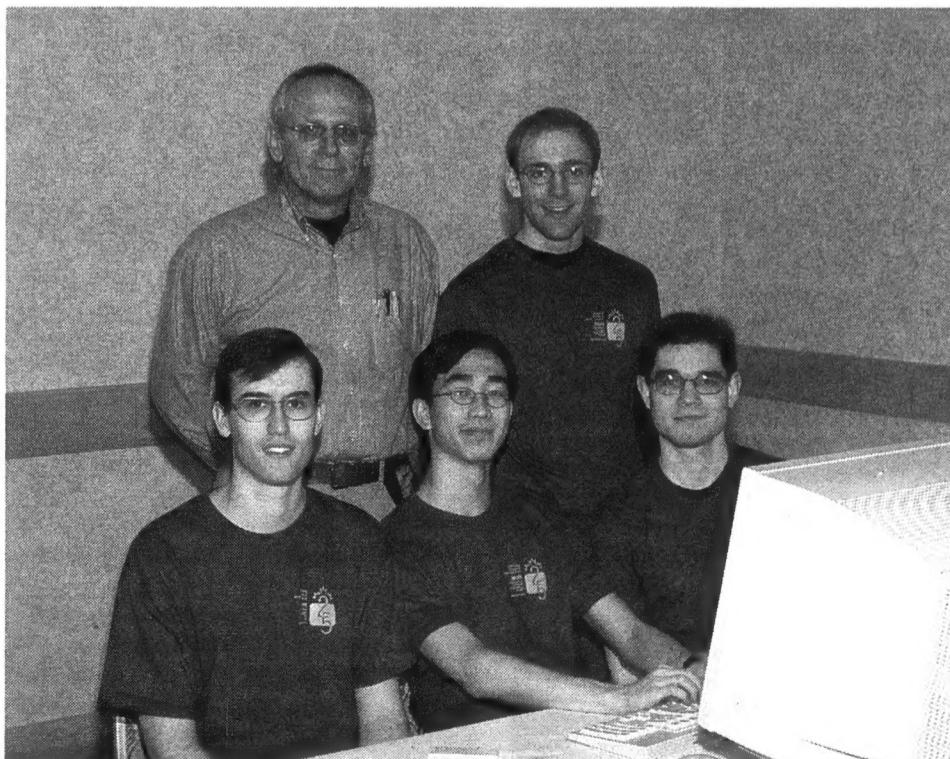
By Ryan Smith

Jonathan Backer and his teammates overcame a "serious case of nerves" to earn a bronze medal at the 25th Annual ACM International Collegiate Programming Contest 2001 World Finals held recently in Vancouver. Backer and fellow University of Alberta computing science students Patrick Earl and Gilbert Lee finished ahead of such perennial favourites as teams from Carnegie Mellon, California Institute of Technology and University of California, Berkeley.

With medals awarded based on the number of problems solved, the U of A answered four of eight problems correctly and tied for 14th place overall, out of an international field of 64. St. Petersburg State University won the competition, while the University of Waterloo team, which answered six of eight questions correctly, was the highest-finishing Canadian team winning fourth place overall. The U of A team tied the University of Toronto team, which also came 14th overall, to finish second out of all Canadian universities.

"We came away a little disappointed," Backer said. "We were hoping for a top-10 finish, but a bronze is better than a kick in the pants."

During the qualifying round in early November in Lethbridge, the U of A team defeated about 50 other schools in the Rocky Mountain Region. "We've been training since we qualified, for about 15



Dr. Piotr Rudnicki and his computer science team earned a bronze medal at the world finals but warn they'll be stronger next year.

hours a week, to prepare for [the finals]," Backer said. "But when the final competition starts and you're actually sitting in front of the computer and the clock is running, it's a little nerve-wracking, but it's

also a lot of fun."

The U of A team coach, computing science professor Dr. Piotr Rudnicki, was honoured with an award for his dedication and achievement. "Every year they pick four

"We came away a little disappointed. We were hoping for a top-10 finish, but a bronze is better than a kick in the pants."

—Computing sciences student Jonathan Backer

I'm proud of them."

Rudnicki noted that the team got hung up on one problem that could have been answered simply, "but they got over-ambitious and spent an inordinate amount of time on it." The question required the team to transform notes from one major musical scale to another.

"The questions were nothing they hadn't seen before," Rudnicki said. "But next year we'll have more experience and I hope we can improve on this finish."

Aside from improving in the standings, there are two more things on Rudnicki's wish list. "I'd love to see a girl on the team some day. And I'd like more students to take honours math, because it teaches them how to think—not that the other courses don't teach them how to think, but honours math teaches them to think in a way that is useful to me," he added, laughing. ■

Students design their way to gold medal

Senior-friendly oven wins North American competition

By Phoebe Dey

For most people, bending over a hot stove and pulling out a heavy dish isn't much of a challenge. But for the frail and elderly, such simple tasks can be difficult. Four students at the University of Alberta have designed a product that will reduce the chance of seniors—or anybody for that matter—burning or injuring themselves in the kitchen. They've developed an oven that delivers food up to the cook.

"The whole element comes out and is elevated to stove-top level, so you don't have to lean in it to get anything," said Zsolt Kovacs, an industrial design student on the U of A team. "Once we came up with that idea, we just kept adding on features to make it better."

The students' so-called Simplicity Range recently won first place at the 13th annual North American-wide American Society on Aging Universal Design Competition.

The creation, which was originally a collaborative class assignment between industrial design and rehab students, was planned with the aim of extending an elderly person's independence in his or her own home, said industrial design student Cam Frith.

The product was created by accidental design. When Frith and Kovacs met with rehab students Sophie Wilderdijk and Mary Ellen Lamont, the group initially decided to work on building a pill dispenser. "We looked through their catalogues and found there were already a million dispensers on the market," said Frith. "But while we were looking one of the girls pointed to a stick in the catalogue that was used to pull out a stove rack and we decided it wasn't long enough. We then decided to try to make a better version and we came up with the 'Simplicity Range.'"



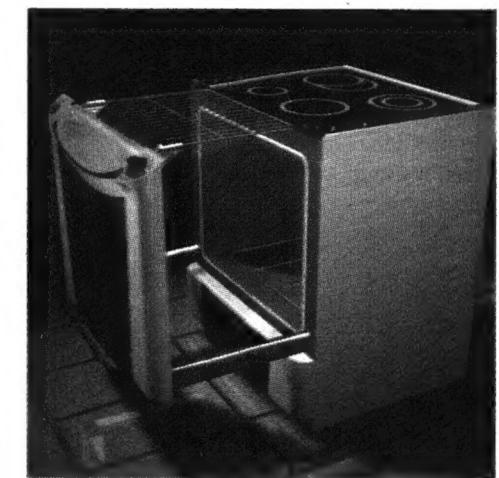
Joanne Handy, chair of the American Society on Aging, presents the top award to students Cam Frith, Sophie Wilderdijk, Zsolt Kovacs and Mary Ellen Lamont at a recent competition in New Orleans.

Judges praised the design for combining beauty with safety features and user-friendly controls and operation. "This product, the design school and the student team, which included two occupational therapists, deserve special commendation," said Margaret Christenson, a design competition judge and president of Lifease Inc. "This team effort produced new solutions for ranges and addressed a serious safety need for cooks of all ages."

"This product, the design school and the student team, which included two occupational therapists, deserve special commendation. This team effort produced new solutions for ranges and addressed a serious safety need for cooks of all ages."

—Margaret Christenson, design competition judge and president of Lifease Inc.

Industrial Design Professor Rob Lederer, who supervises the assignment every year, said regardless of where his students place in the competition, the collaborative working experience is invaluable. "As designers you have to work with people in other fields, and this works well for rehab students as well," said Lederer. "Rehab students learn there are designers who can come up with good solutions for their quality input, so it's a win-win situation."



The Simplicity Range.

At the Conference of the American Society on Aging and the National Council on the Aging in New Orleans last weekend, the winners received overwhelming support and interest in their product.

As well as winning gold, the U of A received two bronzes, three honourable mentions as well as an Award of Excellence for its consistently top-notch entries in the past six years. Other U of A product designs include a swivel/slide tub seat which eases the transfer to the bathtub and protects fragile skin, the Easy Fit Shoe, which uses a pulley system for lacing, and a Hand-Iron that eases the strain on the wrist. One U of A winner from last year's competition is in negotiations with a company to market an invention that allows a golfer to put a ball on a tee without bending over.

"This has been a great experience, creating something like this," Kovacs said of the Simplicity Range. "I don't think it really mattered whether we were in the competition or not." ■

What good is a liberal arts education?

Broadus lectures defend the liberal arts

By Geoff McMaster

One day early in the winter term, a young man dressed in denim walked into Dr. Patricia Clements' first-year English class at the University of Alberta. He was "about three weeks and 15 minutes late" while she was "in full flight on the subject of the prologue to Geoffrey Chaucer's *Canterbury Tales*."

It was the day essays were being assigned, and the new student, who had "folded himself into a chair" at the back of the class, accepted the assignment without any consultation. When the essay was due, he turned in a piece of work that was unequivocally "dreadful." It was bad enough, in fact, that Clements suggested he consider dropping the course.

It turns out the student, named Malcolm, had received word of his acceptance to the arts program late, after having served time in jail for drug offences. Obviously, he had a few things to learn about surviving in university. But he was determined to stay and was convinced Clements could teach him.

"The distance between him and a passing grade in the course was as great as I've seen, but I agreed," she explains. "It dawned on me soon that he was one of the brightest students I had taught... At the end of the year, he passed the course—he really passed the course—with a grade of 7. It was an astounding achievement."

In a drama course the following year the student went on to take the lead role in Shakespeare's *King Lear*, one of the works that he'd struggled so painfully to write an essay about in Clements' English class.

The point in this story, says Clements, former dean of arts at the U of A and now

president of the Social Sciences and Humanities Federation of Canada, is that Malcolm's perspective had begun to widen, as it has for so many others trained in the arts, through the study of literature. His education had helped him mature into his vision of the world, which is at least as valuable, if not more so, than any "transferable skills" he learned in the process.

The nature of this maturation, and of others like it across a vast array of disciplines in the social sciences and humanities, was the subject of Clements' Broadus Lecture series, *The Politics of Knowledge: Liberal Arts in a Science Society*. The three-part series assesses the impact of the liberal arts on students and on contemporary society in general.

Clements argued an arts education has a life-transforming power impossible to quantify and therefore easy for some to dismiss. When the mind wrestles with a text by Samuel Beckett, Plato or Franz Kafka, or when a musician masters a difficult concerto, "the market will not rise or fall, relations between nations will not be affected in the short term, there will be no immediate impact on consumer confidence." But the impact of these transactions is no less real, says Clements, and no less significant.

The problem, she says, is that the Alberta government, in its determination to strengthen science and technology in the province, has done so at the expense of the liberal arts. "Government funding policies in relation to liberal education are out of touch with the needs of students, with the desires of parents for the children and the community... and to allow the years of accumulated damage in these areas to go unaddressed—

this is not a big vision for education; it is a destructive, no-win politics of knowledge. It hurts students; it hurts our society."

Clements said the reputation of liberal arts training has been under siege in recent years, particularly since about 1994 when the provincial government introduced "highly political performance indicators," which forced universities to justify their contributions to the wider community. It was also when "the issue of the broad usefulness of a liberal education—of educating not only for work but for life, of educating for democracy—disappeared from the screen," Clements said.

Along with the cult of performance indicators came the erroneous assumption arts grads weren't getting jobs, a myth difficult to resist considering arts students weren't trained for specific occupations in the work force. And it didn't help matters that politicians such as Ontario Premier Mike Harris bemoaned the glut of unskilled "great thinkers" on the job market.

It has taken a few years, but that stubborn misconception has now begun to crumble in the face of numerous studies showing it to be false, says Clements. In fact, the studies demonstrate, arts grads have precisely the skills highly valued in contexts as diverse as banking, politics and communications.

"When we do our job right here in the core of the university, we are helping not only to develop creative people, the inventors of ideas, processes, things that will have impact on our lives as a community, but also critical thinkers—resistant readers—who are unlikely to consume without question what is fed to them as truth in this culture of hype and hyper-marketing,



Dr. Patricia Clements

and who are self-critical thinkers able to assess and revise their own attitudes."

Clements suggested that while a defence of arts grads on the grounds of employability is necessary in the current political climate, it should not become the driving principle of arts training. No one would dispute the importance of jobs, but the *raison d'être* of the liberal arts is the same as it's always been: "the training of the intellect for its own sake."

"Is this still our business in the commercialized, technologized, globalized university of the 21st century? Absolutely. For the *King Lear* actor who was in my class a long while back, and who was one of very few aboriginal students in the university that year, and for me, in a time and place in which higher education was thought largely wasted on women, it opened a whole range of new possibilities amounting, in the long run to a new life." ■

I'll take 'Name That Plant' for \$1,000

U of A students knock off Mexican dynasty in Hawaii

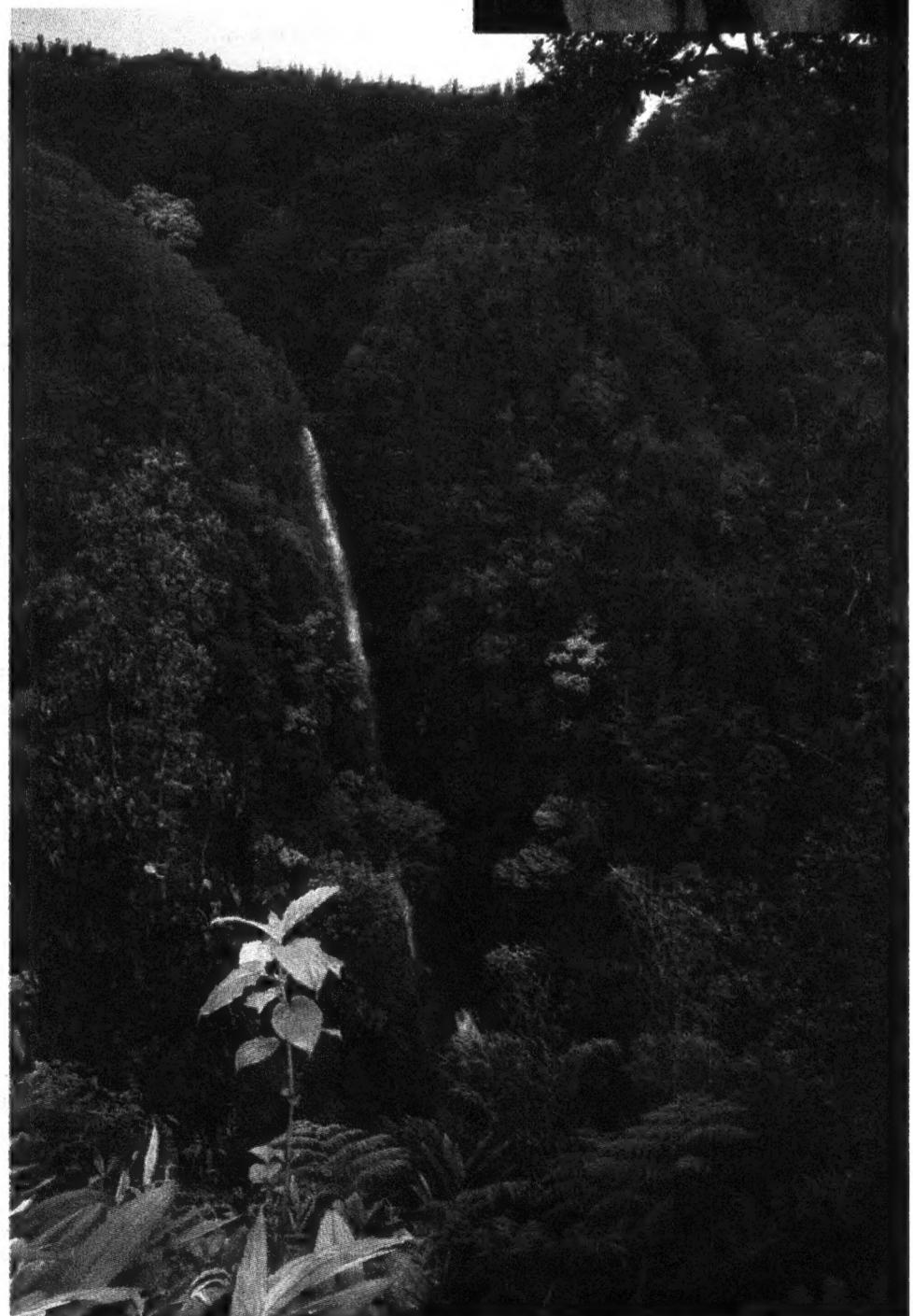
By Gilbert A. Bouchard

For those of us who can't immediately identify the common grain-bearing plant emblazoned on the University of Alberta crest, never mind the species of tree in your front yard, Mae Elsinger's accomplishment seems almost surreal.

The 23-year-old land reclamation student won first place in a North American range plant identification competition organized by the Society for Range Management at its annual meeting last month in Hawaii. Elsinger bested students from 19 other universities and helped the U of A rack up eight of a possible 17 awards, including two other first place finishes: team result for the Range Management written exam and Team Plant Identification. The U of A's 13-student Range Team, lead by Barry Irving, improved its standing from the 2000 competition, where they finished third on the written exam and second on the plant identification. This year, they played giant-slayers, winning a competition dominated by Mexican students for the past nine years.

"You have to identify 100 range plants from Northern Mexico to the aspen park lands of Alberta," Elsinger says of the detail-oriented plant identification exam and the hurdles the U of A team—Canada's only representative at the meeting—had to overcome. "Mostly the plants are from the American mid-west and western states—you'd think that the American students had more of an advantage than we did. We might never see any of these plants again."

Other complications included the fact that identification had to be made by examining pressed, dried sample mounted on herbarium (plant mounting) paper in a timed environment: 100 stations, 101 competitors, and one minute for each plant in



the nerve-racking contest. "It's a long time per plant, and while it's tempting, you can't think back to other specimens—you have to think about the plant you're looking at. Double guessing can really mess you up," she said.

Another wrinkle in the competition was the fact that not all the specimens were of the same age, making analysis of characteristics difficult. "So many were so easy, the characteristics are right there, but some are so hard, you have to look at them and think about them again and again. One specimen I missed—*Chrysoth viscidiflorus*, a shrub from the aster species (sunflower family)—looked different somehow from all the other specimens I'd seen. It was one of the four or five I got wrong—three completely wrong, two partly wrong."

"You have to concentrate pretty hard and through the different reasons why something would or would not be something," says Elsinger, who was raised on a small hobby farm south of Whitecourt, AB.

Preparation for the competition is extensive, starting in September with a senior plant identification course then an intensive month and a half of cramming using the Range Team's own collection of samples—an effort well spent as far as Elsinger is concerned.

"It felt pretty good to win, especially given that I did better than last year where I placed third on plant identification and fifth on the written test."

Her victory was the first win in 10

years by a non-Mexican school. Antonnio Narro University has won Plant Identification for nine out of the past 10 years.

As for the future, Elsinger's identification skills won't lay dormant long. Come May, the graduating student is going to be working for the Prairie Farm Rehabilitation Administration (a division of Agriculture Canada) putting her award-winning identification skills to good use in a range inventory studying greenhouse gas sequestering. "It's a pretty new thing. We're going to be looking at the role range lands can have in taking greenhouse gases out of the air and putting them back into organic material." ■



How many plants could you identify during a walk through the Hawaiian countryside? A team of University of Alberta students identified local and exotic plants during a range plant identification competition in Hawaii last month. The team ended a Mexican university's nine-year winning streak.



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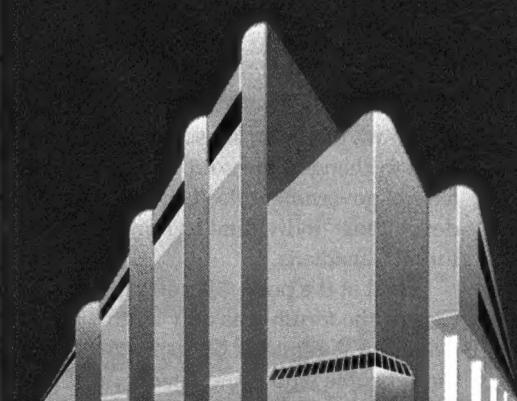
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Ratt bartender pours his heart out for U of A athletes

Mark McQuitty's the best Bear supporter by a "country mile"

By Ryan Smith

More than 100 former and current University of Alberta athletes call campus bartender Mark McQuitty 'Dad.' The "thirty-something" McQuitty has earned the term of endearment by "adopting" 128 athletes since 1990.

"Of all our 'adopt-an-athlete' supporters over the years, Mark's been our champion by a country mile," said Chuck Moser, the U of A's athletic director of alumni and development.

The total amount McQuitty has donated is hard to quantify because the cost to adopt a U of A Golden Bear or Panda athlete varies from team to team. "But we can safely say Mark's been extremely generous," Moser said.

The adopt-an-athlete program started at the U of A in 1985, to provide support

beyond the regular budgets of the U of A Golden Bear and Panda teams. The money doesn't go to the athletes themselves, but it helps their teams buy special equipment, upgrade uniforms and provide per-diems for players on road trips, said Moser, who was so impressed by McQuitty's consistent and generous giving that he suggested McQuitty create an endowment fund.

Moser said the fund would allow for the creation of a scholarship in McQuitty's name. "This way the interest from Mark's generosity would allow him to support U of A athletes in perpetuity," Moser said.

McQuitty has already donated \$1,000

toward the \$10,000 needed to support an annual \$500 Mark McQuitty scholarship, which he hopes will go to a Golden Bear hockey player each year, though the details of who may be eligible for the scholarship are still to be worked out.

"What he's done over the years is amazing," said Derek Shybunka, a Golden Bear all-star goalie during the mid-90s and one of McQuitty's adopted children, along with his two hockey-playing brothers, Brad and current Golden Bear Tyler.

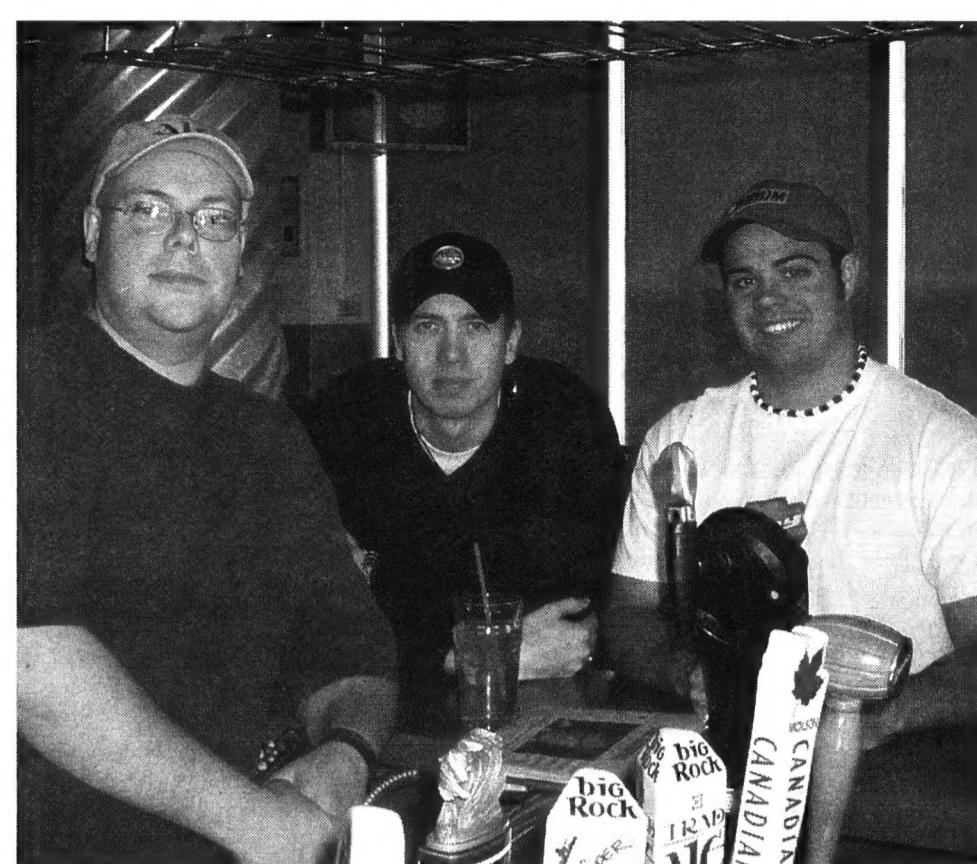
"I think most people who donate to the program are already more established, and the money they give is a smaller portion of the money they have, compared to the amount Mark gives," Shybunka said of McQuitty, who has worked two and

sometimes three jobs to support himself since he started working at Room At The Top (Ratt) in 1988.

"But the stuff Mark does goes beyond monetary support. He convinces his friends to donate to the program, he comes to all the games, and he brings 10 or 12 people with him. He's always holding promotions, and he organized things so players' parents can get half-price lunches at Ratt on game days, and other things like that."

"Speaking as a player, I can say he's definitely appreciated for all he does, and he does contribute to the winning tradition at the U of A," Shybunka added.

—Derek Shybunka, former Golden Bear all-star goalie and 'adopted' athlete



Mark McQuitty (left) with friends in Ratt.

For his part, McQuitty is reticent when asked why he adopts so many athletes. "It started in '89 when [former Golden Bear football player] Brian [Forrest] asked if I'd sponsor him. So I did and it grew from there," he said with a shrug.

There is no formula to how McQuitty chooses which Bears or Pandas he will sponsor. "Some ask me, others I just get to know through work, and some I think are exceptional players and so I want to sponsor them," he said.

This week, McQuitty and a group of friends will be in Kitchener, Ont. to cheer

the Golden Bears hockey team at the CIAU national playoffs. The event is special to McQuitty not only because the Bears will be competing for their third straight national title, but also because the finals, scheduled for Sunday, March 23, coincide with the fifth anniversary of the day Golden Bear defenceman Mark Goodkey, another of McQuitty's adopted 'children', died suddenly on the ice while playing in a game.

"I've been to three other finals," McQuitty said. "But I'm really looking forward to this one. It's going to be a lot of fun." ■

University hosts round table on learning

Prof to report group's findings to Ottawa

By Richard Cairney

A national round table on learning held at the University of Alberta could pave the way for more co-operation between educators, government and employers when it comes to educating Canadians.

The forum, hosted by the Canadian Policy Research Networks at the request of the federal government, examined ways to improve access to learning for all Canadians. And the man who directed the forum, sociology professor Graham Lowe, feels confident that this goal can be accomplished.

"My sense is that if we look at it from the context of Alberta, with newly elected governments at the federal and provincial level, this is a very opportune time to develop a shared agenda assessing the learning and skills needs of citizens," Lowe said. "This is an area where there must be co-operation not only between the federal government and the provinces, but all stakeholder groups."

—Sociology Professor Graham Lowe

Participants at the forum included representatives from industry, post-secondary institutions, labour organizations and government. They were charged with identifying obstacles to learning, finding areas of agreement and disagreement among themselves.

Human Resources Minister Jane Stewart attended the forum's opening and stressed the importance of the discussion to delegates. The success of a nation lies in its people, she said.

"This is about people. It is about citizens and it is about the contributions each

and every one of us can make," she said. "For me, it is the recognition that a country, in modern times, is only as strong as its citizens."

Stewart said that education levels are now, more than ever, tied to economic successes. And she implored participants to make every effort to see to it Canadians are better educated. That process starts with early childhood development and reaching the 70 per cent of new workers in the labour market who are new

Canadians, she said. It also means helping Canada's one-parent families.

"Canada is a wonderful place to learn and grow, but there are some things that need to change," she said, suggesting the federal government itself should consider developing "individual learning accounts" for all Canadians.

Held at the posh, \$11-million Telus Centre, the forum was only a short LRT ride from the squalor of the inner city and those people who could benefit most from further education, yet can least afford it. Lowe says the forum considered helping impoverished Canadians.

"One of the very clear points that was raised ... is that you need to provide the foundations very early in a person's life," he said.

"That means looking at early childhood and ensuring all kids have the basis to develop the literacy skills they are going

to need all their lives right away. And that takes you into addressing issues of child poverty and that is where economic and social policy are totally connected: if this is going to create competitive economy you realize conditions in early childhood are absolutely critical."

The forum also touched on providing incentives to employers, to encourage workers to further their own education. Lowe admits some employers may actually discourage workers from improving their level of education, because that will ultimately mean those workers move on to better positions, elsewhere.

"That is a barrier," Lowe said. "That is where it is really crucial to talk about what

is the right balance between public and private responsibility here—it may be that in some areas there are serious skills shortages and there needs to be public investments so that an entire sector can benefit."

The forum was one of three planned by the federal government.

The first, held earlier this year, examined labour market issues; in April, the Conference Board of Canada hosts a round table on the economy. Lowe, who is on leave from the university and working with CPRN, will file a report of the forum's findings to Human Resources. (The document will be available on the CPRN Web site, www.cprn.org, by the end of April). ■

NOTICE

APRIL 2, 2001 GENERAL FACULTIES COUNCIL AGENDA

Agenda items include:

Advisory Selection Committee Composition: Proposal from the Students' Union Effective for the 2001-2002 Academic Year

Faculties of Graduate Studies and Research and Arts/Proposal for the Formal Establishment of a Master of Arts (MA) in Humanities Computing: Recommendation of the GFC Academic Planning Committee (APC)

Code of Student Behavior: Proposal from the Vice-President (Academic) and Provost for a New Code

events

AWA BANQUET

ACADEMIC WOMEN'S ASSOCIATION

Tuesday, April 24, 2001, 7:00 p.m.
Annual General Meeting of the Academic Women's Association/Woman of the Year Award Dinner. Papaschase Room, Faculty Club. Please contact Patricia Valentine, patricia.valentine@ualberta.ca, to join AWA and attend the AWA banquet.

BRUCE PEEL SPECIAL COLLECTIONS

GRAPHIC DESIGN AND FINE PRINTING: FIVE C

March 12 to April 30
From the shelves of the Bruce Peel Special Collections, selected examples of fine printing and graphic design spanning the years 1500-2000. Rutherford South.

EXHIBITION

MCMULLEN GALLERY, U OF A HOSPITAL

February 3 to March 31, 2001
Painters Dick Der, Robert von Eschen, Bernie Hippel, Julian Brezdan, and Ruby Mah create a visual feast for the eyes and soul in "Miscellaneous Connections." Gallery hours: Monday to Friday, 10 a.m. to 8 p.m. Saturday and Sunday, 1 to 8 p.m. 8440 - 112 Street. For more information, contact Michelle Casavant or Susan Pointe. Phone 407-7152 or email: spointe@uah.ab.ca

FINE ARTS BUILDING (FAB) GALLERY

March 20 - April 1
Evidence Solo Exhibition of Etchings by Fuki Hamada, Foreign Guest Artist-in-Residence, Department of Art and Design, Printmaking Division. Also "Traces," senior and first year graduate student print exhibition. Gallery Hours: Tuesday - Friday, 10 a.m. to 5 p.m. Sunday: 2 p.m. to 5 p.m. Closed Mondays, Saturday and Statutory Holidays. 1-1 Fine Arts Building, 112 Street and 89 Avenue. For further information, contact Gallery Manager, Blair Brennan at 492-2081 or email: bbrennan@ualberta.ca

DEPARTMENT OF HUMAN ECOLOGY & THE CLOTHING AND TEXTILE COLLECTION

February 1 to March 31, 2001
Exhibit "Who Wears the Pants? Gender Roles and Clothing Communication." The exhibit explores how clothing, throughout the twentieth century, reflects changing gender roles in Canadian society. Exhibit hours: Monday to Friday, 7 a.m. to 9 p.m., Saturday, 8 a.m. to 4 p.m., Sunday, 12 p.m. to 4 p.m. Human Ecology Building. For more information, please contact: Shawna Lemiski, (780) 492-2528.

LECTURE AND EXHIBIT

EXHIBIT OF CASTLE BOOKS AND DRAWINGS,

DEPARTMENT OF ENGLISH

March 23, 3:00 to 3:30 p.m.
Screening of video documentary, "Dreamhouse: The Art & Life of James Castle."
L-3 Humanities Centre.
March 23, 3:30 to 4:30 p.m.
Presentation: "James Castle & the Icehouse Books." L-3 Humanities Centre.
Foyer of Rutherford Library South.

UPCOMING LUNCH & LEARN PRESENTATIONS

PRESENTED BY THE HEALTH RECOVERY SUPPORT UNIT, HUMAN RESOURCES

March 27, 12:00 p.m. to 1:00 p.m.
Coping Effectively With Change
April 3, 12:00 p.m. to 1:00 p.m.
Exercise: It can be Fun - Believe It!
April 9, 12:00 p.m. to 1:00 p.m.
Humor. Snacks and cold beverages will be provided! Seating is limited. To register or for more information contact: Sarah Treby, 492-0659 or email: sarah.treby@hrs.ualberta.ca or visit our website www.hrs.ualberta.ca/efap/news for an updated list of all workshops and other offerings.

FILM SERIES

DEPARTMENT OF EAST ASIAN STUDIES

March 27-30 (Tuesday to Friday), 4:00 to 6:00 p.m.
Women in East Asian Societies, 2nd Annual East Asian Film Series. March 27: Minbo no Onna (The Gentle Art of Japanese Extortion). March 28: Hai-tan de Yi-tian (That Day, On the Beach). March 29, Ermo (Ermo). March 30: Wind Horse. Place: Tory Lecture Theatre B-1. Admission: Free. Everyone is welcome. Before each show, there will be a 10-minute introduction by professors and graduate student from East Asian Studies.

SATELLITE EVENT

CENTRE FOR EXECUTIVE AND MANAGEMENT DEVELOPMENT

March 28, 8:50 a.m. to 3:30 p.m.
Dr. Ken Blanchard: "Creating High Five Teams." Dr. Ken Blanchard's latest strategies based on his new book "High Five!" can help you create team power, a sense of purpose, shared values, and goals. Visit www.bus.ualberta.ca/cemd or call (780) 492-3860 for more information. Telus Centre Auditorium.

STANDARD FIRST AID/HEARTSAVER COURSES

The Office of Environmental Health & Safety has arranged for Standard First Aid/Heartsaver courses to be held on campus once again this year. The training is comprised of two full-day sessions (8:00 a.m. to 4:00 p.m.) with morning, lunch and afternoon breaks. The cost is \$80.00 per person. The first course will be held in early April and the last at the end of October. Registration is limited due to classroom size. For further information and registration forms please call Cindy Ferris at 492-1810 or e-mail cindy.ferris@ualberta.ca

OBSERVATORY

Campus Astronomical Observatory is open to the campus community and the general public every Thursday evening (except exam and holiday periods) beginning at 8 p.m. Entrance to the Physics Building is via the northeast door or via the V-wing. For information call 492-5286.

MUSIC

DEPARTMENT OF MUSIC

March 23, 8:00 p.m.
Music at Convocation Hall featuring visiting artist Donna Brown, soprano with Stéphane Lemelin, piano.
March 24, 7:00 p.m.
Northern Alberta Honor Band, Fordyce Pier, director. Free admission.
March 26, 12:00 p.m.
Noon-Hour Organ Recital. Free admission.
March 29, 8:00 p.m.
Doctor of Music Recital, Ayako Tsuruta, piano. Free admission.
March 30, 8:00 p.m.
Music at Convocation Hall. Martin Riseley, violin, Andrew Dawes, violin, Aaron Au, viola, Tanya Prochazka, cello, and Raphael Wallfisch, cello.
March 31, 8:00 p.m.
University of Alberta Mixed Chorus, Robert de Frece, Musical Director, 57th Annual Concert. Francis Winspear Centre for Music. For further information, call 492-9606.
April 1, 3:00 p.m.
The University of Alberta Concert Band, William H. Street, Director.
April 1, 8:00 p.m.
The University of Alberta Madrigal Singers Spring Concert, Leonard Ratzlaff, conductor. McDougall United Church, 10025 - 101 Street.
April 2, 12:10 p.m.
Music at Noon, Convocation Hall Student Recital Series. Free admission.
April 6, 8:00 p.m.
The University of Alberta Concert Choir. Debra Cairns, conductor.
Unless otherwise indicated: Admission \$5/student/senior, \$10/adult. Convocation Hall, Arts Building. To confirm concert information, please call 492-0601.

LANGUAGE CAFÉS

FRENCH CAFÉ

March 24, March 31, 2:00 to 3:30 p.m.
A drop-in program for people of all ages and backgrounds who are eager to practice their conversation skills. Café Amandine, 8711 Whyte Avenue. Language coach: Jean-Cristophe Paccoud, Faculté Saint-Jean.

SPANISH CAFÉ

March 24, March 31, 3:00 to 4:30 p.m.
Upper Crust Café, 10909 - 86 Avenue. Language coach: Constanza Rojas.

PHILOSOPHERS' CAFÉ

UNIVERSITY OF ALBERTA PHILOSOPHERS' CAFÉ
March 24, 2:00 to 3:30 p.m.
Topic: Will Canada's Policies on the Death Penalty and Extradition make us a Haven for Murderers?
Guest Scholar: Gerald Gall, Professor of Law.
Moderator: Bernard Linsky, Chair of Philosophy. Nina's Restaurant, 10139 - 124 Street.

THEATRE

STUDIO THEATRE

March 29 to April 7
Studio Theatre proudly presents "Three Sisters" by Anton Chekhov and translated by Michael Frayn. Preview performance on March 28. All evening performances are at 8 p.m. with a matinee on Thursday, April 5 at 12:30 p.m. Tickets are available at the Timms Centre Box Office from 12 noon to 5 p.m., Tuesday through Friday, or by calling 492-2495 after March 20th. "Three Sisters" is sponsored by The Edmonton Journal, Gourmet Goodies, and Global Television.

NATIVE STUDIES AND ABORIGINAL CAREER FAIR

Friday April 6, 2001
An excellent opportunity to meet employers who are recruiting students and alumni from the School of Native Studies, as well as Aboriginal students from other academic programs.
This event is being co-organized by the School of Native Studies Alumni and the department of Career and Placement Services (CaPS).
For more information call CaPS at 492-4291 or visit www.ualberta.ca/caps

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Folio on vacation...



Andrew Leitch is in?

Any idea where Andrew Leitch, Public Affairs staff member, took his Folio when he went on vacation recently? Fill out this form and forward to 405 Athabasca Hall by April 3. One name will be drawn from all the correct entries for a prize giveaway.

My guess for the correct city/location is:

Name: _____
Dept./Affiliation: _____
Phone: _____
E-mail: _____

talks

Submit talks and events to Cora Doucette by 9 a.m. one week prior to publication. Fax 492-2997 or e-mail at cora.doucette@ualberta.ca

AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE AND DEPARTMENT OF MEDICINE

March 28, 11:00 a.m. to 12:00 p.m.

The Nutrition and Metabolism Research Group presents Dr. Amy Halseth, Senior Research Scientist, Cardiovascular and Metabolic Disease, Pharmacia Corporation, "Interaction of glucose delivery, transport and phosphorylation in the control of skeletal muscle glucose uptake." Classroom D (2F1.04) Walter Mackenzie Centre.

April 18, 11:00 a.m. to 12:00 p.m.

The Nutrition and Metabolism Research Group presents Dr. Carla Taylor, Associate Professor, University of Manitoba, "Dietary zinc and signal transduction: potential roles in immune function and insulin resistance." Classroom D (2F1.04) Walter Mackenzie Centre.

DEPARTMENT OF BIOLOGICAL SCIENCES

March 23, 12:00 noon

Elizabeth Crone, "Movement behaviour and metapopulation dynamics in voles, butterflies and models." Room M-149, Biological Sciences Building.

March 26, 2:30 p.m.

Jennifer Steinbachs, "Flies, Genes, and Trees: Comparative Mitochondrial Genomics in Drosophila." Room M-149, Biological Sciences Building.

March 28, 12:00 noon

Robert Dores, "Are lungfish 'living fossils': Analyses of the Opioid Gene Family." Room M-141, Biological Sciences Building.

March 29, 4:00 p.m.

Nik Tartanic, "Crouching Tiger Beetle, Hidden Dragonfly: Entomology in South East." Room TBW1, Tory Breezeway.

March 30, 12:00 noon

Bryan Manley, "Estimation of brood and nest survival in the presence of heterogeneity." Room M-149, Biological Sciences Building.

March 28, 4:00 p.m.

Raffi Aroian, "The birth (anterior/posterior axis formation) and death (the mechanism of action of Bt-toxins) of a worm (*Caenorhabditis elegans*)." Room M-149, Biological Sciences Building.

April 4, 12:00 noon

Suraj Unnappan, "Identification of novel forms of neuropeptide galanin in goldfish." Room M-141, Biological Sciences Building.

April 5, 4:00 p.m.

Alice Graham, "One Rainy Summer in Alberta's Prairie Potholes: Dynamics of Ground and Aeronautic Spider Diversity at Natural and Restored Wetlands." Room TBW1, Tory Breezeway.

April 5, 4:00 p.m.

Larry Flanagan, "Ecosystem physiology: scaling physiological processes from organelles to the ecosystem." Room M-149, Biological Sciences Building.

April 6, 12:00 noon

Robert B. Wielgus, "Minimum viable population and reserve sizes for naturally regulated grizzly bears in British Columbia." M-149, Biological Sciences Building.

April 6, 4:00 p.m.

Nick Hardin, "Signaling by the rho family of GTPases during Drosophila embryonic development." Room M-149, Biological Sciences Building.

RU LEMIEUX LECTURE ON BIOTECHNOLOGY

April 5, 4:00 p.m.

James A Wells, Sunesis Pharmaceuticals, "Binding and Drug Discovery at Molecular Interfaces." Room 2-115 Education North.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

April 10, 3:30 p.m.

Dr. Andreas Kappeler, University of Vienna, "Great Russians and Little Russians: Russian-Ukrainian Interrelations and Perceptions in Historical Perspective." Heritage Lounge, Athabasca Hall.

CENTRE FOR HEALTH PROMOTION STUDIES

March 29, 12:00 to 1:00

Research Symposia Series. Dr. Noreen Willows, "Ethics and Research in Aboriginal Communities." Room 6-10, University Extension Centre.

CENTRE FOR INTERNATIONAL BUSINESS STUDIES

April 10, 3:30 p.m.

Dr. Carter Tseng, US-China entrepreneur, and researcher with a specialty in e-commerce and internet security, will speak on "The future of the Internet World." Call John Doyle, 492-9108, or visit CIBS's page: www.bus.ualberta.ca/CIBS-WCR

CENTRE FOR RESEARCH FOR TEACHER EDUCATION AND DEVELOPMENT

March 27, 4:00 to 5:30 p.m.

Dr. Paula Gunn Allen, distinguished visitor, "Glyptic Narrative: the Pedagogy of Whole-Brain Information Systems." Room 2-115, Education North.

March 28, 12:30 to 2:00 p.m.

Dr. Paula Gunn Allen, distinguished visitor, "Thinking about Teacher Education and Issues for Teachers of Aboriginal Students in Urban Settings." Room 633, Education South.

DEPARTMENT OF CHEMISTRY

Dr. Yasuo Wakatsuki, Chief Scientist and Director of Organometallic Chemistry Laboratory of The Institute of Physical and Chemical Research (RIKEN), Wako-shi, Saitama, Japan, will deliver the following lectures. These events are made possible by funding from the EFF Distinguished Visitor program.

March 27, 7:00 p.m. in V-107

Topic: "Chemistry at RIKEN, Japan's Largest Research Institute that Covers a Wide Range of Science."

March 29, 11:00 a.m. in V-107

Topic: "Dendrimers and Complexes with Visible Light-Harvesting Functionality."

April 3, 3:30 p.m. in CME-343

Topic: "Unusual Polymerization of Olefins Catalyzed by Group 3 and Group 4 Metal Complexes."

April 5, 11:00 a.m. in Chem E3-25

Topic: "Ruthenium Catalyzed Addition of Water to Terminal Alkynes; Effective Synthesis of Aldehydes."

DEPARTMENT OF COMPUTING SCIENCE

April 6, 2:00 p.m.

Professor William Lubell, visiting speaker from the University of Montreal, speaking on "Synthesis, Analysis and Application of Peptide Mimics that Control Conformation by Steric and Structural Constraints." Room V-107 Physics Wing.

DEPARTMENT OF COMPUTING SCIENCE

April 9, 3:30 p.m.

Guang R. Gao, University of Delaware, speaking on "Can HOT Compilers Cool Chips?" Room B-02 Computing Science Centre.

DEPARTMENT OF ENGLISH

March 27, 3:30 p.m.

Distinguished visitor Daniel Boyarin from the University of California, Berkeley, speaking on "Where Judaism Deferred: The Invention of Rabbinic Judaism in Late Antiquity." Room L-1 Humanities Centre.

March 27, 2:00 p.m.

Reading by novelist and playwright Richard Van Camp. Room L-3 Humanities Centre.

March 29, 2:00 p.m.

Daniel Boyarin speaking on "Heresiology" and the Formation of Group Boundaries." Room 2-58, Tory Building.

ENVIRONMENTAL RESEARCH AND STUDIES CENTRE

March 29, 4:30 p.m.

Dr. Jim Butler, "Return to Nature: The allure, romanticism, search for joy." Students' Union Building, Alumni Room.

FACULTY OF EXTENSION

March 24, 7:30 p.m. to 9:30 p.m.

Dr. Johannes Greten, Germany, presents medical acupuncture public lecture. Topic: "Tradition in Chinese Medicine... Science or Junk?" Room 2-36, University Extension Centre.

HISTORY AND CLASSICS

March 28, 12:00 noon

HCGSA lunchtime colloquium. Robynne Healey, doctoral candidate in Canadian History, "Keeping the Faith: Quaker Women and Community in the Yonge Street Meeting, Upper Canada." Room 2-58, Tory Building.

April 3, 3:30 p.m.

Elena Kosmach, Tompkins Fellow, "The Role of National Ideologies in the Disintegration of Yugoslavia: Historical Aspects." Room 1-9, Business Building.

April 5, 3:30 p.m.

Rebecca Nagel, "Interventions by the Narrator in Latin Epic." Room 2-58, Tory Building.

April 10, 3:30 p.m.

Robin S. Gendron, Ph.D. candidate in history, University of Calgary, "The French African Connection: French Africa and the Origins of the Canada-Quebec Dispute Over La Francophonie, 1960-1966."

(Transportation kindly donated by Greyhound Canada). Room 1-9, Business Building.

MEDICAL MICROBIOLOGY AND IMMUNOLOGY

March 29, 4:00 p.m. to 5:00 p.m.

Dr. Sandra Weller, Department of Microbiology, University of Connecticut Health Center, "DNA Replication and Genome Maturation of Herpes Simplex Virus." Classroom F (2J4.02) Walter Mackenzie Centre.

March 30, 8:00 a.m. to 9:00 a.m.

Allan Ma, Ph.D. Thesis Seminar, "Characterization of Holliday Resolvase Activity in Herpes Simplex Virus Type 1 Alkaline Nuclease." Room 652, Heritage Medical Research Centre.

MODERN LANGUAGES

March 29, 3:00 p.m.

Richard Young, "Paris in Buenos Aires: Sex, Tango and Toulouse-Lautrec." Room 103, Arts Building.

April 5, 3:00 p.m.

Diana Spokiene, "Representations of the Aging Body in Thomas Mann's Death in Venice and The Black Swan." Senate Chamber, Room 326 Arts Building.

DEPARTMENT OF POLITICAL SCIENCE

March 29, 3:30 p.m.

Song and the Nation. Regula Qureshi, Music, Michael Frishkopf, Music, Nadia Habib, Social and Political Thought, York University. Room 10-4, Tory Building.

April 5, 3:30 p.m.

Liz Philipose, Political Science, University of Victoria, "Feminist Identity and Sovereign Presence." Room 10-4, Tory Building.

PUBLIC HEALTH SCIENCES, EPIDEMIOLOGY SEMINAR SERIES

March 29, 12:00 noon

Ross Tsuyuki, "Logistical Methodological Issues." Classroom F, 2J4.02 Walter Mackenzie Centre.

DEPARTMENT OF RENEWABLE RESOURCES

March 29, 12:30 to 1:50 p.m.

Dr. Yongsheng Feng, "Modelling soil organic C and N turnover: Is there life beyond pools?" Room 2-36, Earth Sciences Building.

ads

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April 5, 12:30 to 1:50 p.m.

Dr. Steve Cumming, Boreal Ecosystems Research Limited, Edmonton, "Spatial ecology of fire in the boreal mixed wood: patterns of vegetation and patterns of burning." Room 2-36, Earth Sciences Building.

UNIVERSITY TEACHING SERVICES

March 27, 12:05 to 1:00 p.m.

Norma Nocente, Secondary Education, on "Better Teaching: Technology is not the Answer." Room 219, Central Academic Building.

March 27, 3:00 to 4:30 p.m.

David Wangler, Educational Policy Studies, on "Using Humour in the Classroom." Room 281, Central Academic Building.

March 28, 3:00 to 4:30 p.m.

Katy Campbell, Academic Technologies for Learning, on "Resistance is Futile: Get Control of the Technology." Room 281, Central Academic Building.

March 29, 3:00 to 4:30 p.m.

Peter Robertson, Industry Liaison Office, on "Industry-Sponsored Research: A Guide to the Process." Room 281, Central Academic Building.

Display advertisements: Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0444 for sizes, rates and other particulars.

SUPPORT STAFF ORIENTATION

Human Resource Services and the Non-Academic Staff Association (NASA) invite you to attend the upcoming Support Staff Orientation.

DATE: Wednesday, May 9, 2001**TIME: 11:30 to 3:30 pm (includes tour with lunch to follow)****LOCATION: Banquet Room, Lister Hall****FOR MORE INFORMATION AND TO REGISTER, PLEASE CONTACT:**

*Jane Toulouse at 0726
or email jane.toulouse@ualberta.ca*

IMPORTANT ANNOUNCEMENT**PARKING RATE INCREASE**

At their March 2001 meeting, The Board of Governors approved an increase to monthly and visitor parking rates charged at the University of Alberta.

Effective September 1, 2001, parking rates will increase as follows:

Monthly Parking Rates:

- All parking structures to increase by \$5.00 per month
- All surface lots to increase by \$2.00 per month

Visitor Parking Rates:

- Daily maximum to increase by \$1.00 in some locations

For further information please contact our Operations Manager at 492-PARK (7275).



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positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOIPP).

The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

FACULTY OF MEDICINE

AND DENTISTRY

ALBERTA CENTRE FOR INJURY CONTROL & RESEARCH ASSOCIATE DIRECTOR - OPERATIONS

The University of Alberta, Department of Public Health Sciences, Faculty of Medicine and Dentistry is seeking applications for an Associate Director - Operations for the Alberta Centre for Injury Control & Research (ACICR). This is a full-time term (contingent upon continuous Trust funding) Academic staff position. The position will be housed within the ACICR in Edmonton, whose mandate is to strengthen and help co-ordinate injury control in Alberta. In consultation with the centre director, you will operationalize the business plan of the centre and manage business operations including fiscal management. You will network within the injury control community to develop linkages with key stakeholders throughout Alberta.

Ideal candidates will have a graduate degree or suitable equivalent experience, injury-related content or minimally health-related content with an injury control perspective and management training and proven experience in an organization with a budget in excess of \$1 million. Starting date is April 15, 2001. For more information about this position and the ACICR, visit the centre's website at www.med.ualberta.ca/acicr.

The salary range is \$45,500 - 61,500 negotiable based on previous experience plus benefits.

Interested applicants are invited to submit a résumé with covering letter by March 26, 2001 to:

Dr. Louis Hugo Francescutti, ACICR Director
University of Alberta
ACICR, 4075 RTF, Edmonton, Alberta T6G 2G3

fax: 780-492-0364

louis.francescutti@ualberta.ca

In accordance with Canadian Immigration requirements, this advertisement is directed to Canadian citizens and permanent residents. If suitable Canadian citizens and permanent residents cannot be found, other individuals will be considered.

UNIVERSITY OF ALBERTA

DIRECTOR, INDIVIDUAL AND ORGANIZATIONAL EFFECTIVENESS

Are you ready to assume a senior leadership position in Organizational Effectiveness, where all your innovative and creative skills will be tested? Are you an inventive thinker prepared to revitalize and redefine the position and role of an Individual and Organizational Effectiveness unit in a large, decentralized, complex organization?

This exciting opportunity will suit an individual who has demonstrated success in consulting with clients in large, complex work environments. Who is an independent and creative thinker and who believes in the value of helping others to solve their problems? If you are someone who can help our academic and non-academic departments meet the challenge of change head-on and who has the ability to listen to our needs and help us improve we would like to talk with you. You and your small professional team will provide the necessary expertise to assist in addressing workplace issues and developing top human resource strategies that make a positive contribution to workplace wellness. We are evolving and you will help shape our organization to prepare for our future academic and human resource challenges.

If this sounds like the challenge you are looking for and you wish to find out more about us, check out www.ualberta.ca We offer a competitive salary and benefits package with the additional advantages of working in a University environment. The salary range for this position is \$47,254 to \$74,820 per annum. Candidates are encouraged to submit a résumé, no later than April 12, 2001 to:

Laraine Whitmore, Human Resource Services
2-10 University Hall
University of Alberta Edmonton, Alberta T6G 2J9
Tel: (403) 492-1918
Fax: (403) 492-9671
e-mail: laraine.whitmore@ualberta.ca

UNIVERSITY OF ALBERTA MANAGER, PENSION POLICY

A challenging administrative and professional officer position exists at the University of Alberta for a Manager, Pension Policy. You will be responsible for developing and implementing internal pension policies; evaluating and/or recommending plan design changes.

Duties include providing technical pension expertise to all levels within the organization and interpreting provincial and federal legislation; acting as the primary liaison with outside agencies on technical, legislative, administrative and policy issues; leading or participating on various pension committees; ensuring effective operation of various pension information and accounting systems; supervising the pension unit staff; and providing cross-functional direction on pension related policies and processes to other operational units.

Candidates should have a university degree in a related field, CEBS and/or a professional accounting designation recognized in Canada, and several years of experience in pension administration. Public sector or defined benefit plan experience is a definite asset. Equivalencies may be considered. The successful candidate will demonstrate excellent program management and organizational skills both at the strategic and operational levels along with superior verbal and written communication abilities; should also demonstrate proven supervisory skills.

We offer a comprehensive salary and benefits package in an environment that recognizes and rewards excellence. The salary range for this position is \$42,583 to \$67,419 per annum.

Please submit your résumé no later than April 6th, 2001 to:

Laraine Whitmore
Human Resource Services
2-10 University Hall
University of Alberta
Edmonton, Alberta
T6G 2J9
Tel: (403) 492-1918
Fax: (403) 492-9671
e-mail: laraine.whitmore@ualberta.ca

For complete University of Alberta job listings visit:

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notices

Please send notices attention Folio 400 Athabasca Hall, University of Alberta, T6G 2E8 or e-mail public.affairs@ualberta.ca. Notices should be received by 3 p.m. one week prior to publication.

JALISCO PARTNERSHIP DEVELOPMENT AWARD

The Jalisco Partnership Development Award was established to support continuing relationships with our priority partnerships in the State of Jalisco, Mexico. These are: the Universidad Autonoma de Guadalajara, Universidad de Guadalajara, and Instituto Tecnologico y de Estudios Superiores de Monterrey (ITESM-Guadalajara campus). The award supports innovative practices that strengthen these priority partnerships by providing start-up funds for new initiatives such as student and faculty exchange, research and co-operative teaching.

The fund allocates a maximum of \$10,000.00 per year. Single or multiple-year proposals are acceptable, and all reasonable expenses can be considered for

funding provided they are not supported by any other source. The competition is open to University of Alberta Faculty and Staff.

For more information, including application forms and terms of reference, please contact University of Alberta International, 1204 College Plaza,

Tel: 492-5840/e-mail: rae.mcdonald@ualberta.ca

Application deadline: May 1, 2001

Chair Review Committee: Faculty of Arts

Dr. Janine Brodie's first term as Chair of the Political Science Department will end on December 31, 2001 and, in accordance with University regulations, a review committee has been established. Dr. Brodie has indicated that she intends to seek a second term in office.

An open public forum with Dr. Brodie has been scheduled for Monday, March 26 at 3 p.m. at 10-4 Tory Building. Dr. Brodie will discuss her vision for the Department of Political Science.

The Review Committee invites comments from members of the university community on the Department of Political Science under the leadership of the current chair. Comments should be addressed to Kenneth Norrie, Dean of Arts, 6-33 Humanities, and reach the Dean's Office by April 13.

EFF-FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES)

Application Deadline

The deadline for receipt of applications to the

EFF-FSIDA is 4 p.m., April 16, 2001. The next competition deadline dates are October 15, 2001 and January 15, 2002.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International website www.international.ualberta.ca under Overseas Projects and Programs or from the FSIDA Secretary at University of Alberta International, 1204 College Plaza, 8215-112 Street, phone 492-3094.



THE ALBERTA HERITAGE FOUNDATION FOR MEDICAL RESEARCH

is delighted to announce the results of this year's biomedical and health research senior personnel awards competition.

APPROXIMATELY \$53 MILLION has been approved for personnel awards following recommendations from peer review advisory committees according to the highest international standards of excellence. The awards, for up to five years in duration, are offered to 63 outstanding researchers, some of them already working in the province and others to support new recruitments to Alberta universities from the U.S. and abroad.

THE YEAR 2001 awards bring the cumulative total of AHFMR funding over the past 21 years in the province of Alberta to more than \$650 million.

Congratulations to the following awardees:

HERITAGE CLINICAL INVESTIGATORS

Chan, K. Ming, UA*
Gainer, Anita L., UA
Lam, Ernest Wing Ngai, UA
Le Melledo, Jean-Michel, UA
Shapiro, A.M. James, UA
ibbo, Philip G., UA

HERITAGE POPULATION HEALTH INVESTIGATOR

Currie, Gillian, UC*
Gold, E. Richard, UA
Majumdar, Sumit R., UA
McGregor, S. Elizabeth, ACB*
Plotnikoff, Ronald, UA
Rosychuk, Rhonda J., UA

HERITAGE BIOMEDICAL OR HEALTH INDEPENDENT ESTABLISHMENT GRANTS

Mobit, Paul N, UC

HERITAGE MEDICAL OR HEALTH SCHOLARS

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Braun, Janice E., UC
Cassidy, J. David, UA
Childs, Sarah J., UC
Chen, Xing-Zhen, UA
Colbourne, Frederick, UA
Cook, Linda S., UC

DeVinney, Rebekah, UC

Dunn, James R., UC
Dyck, Jason R., UA
Gorassini, Monica A., UA
Hazes, Bart, UA
Helgason, Cheryl D., UC
Hendzel, Michael J., UA
Lu, YouMing, UC
Mitchell, J. Ross, UC
Mosimann, Steven C., UL*
Power, Christopher N., UC
Raivio, Tracy L., UA
Rannala, Bruce H., UA
Schuurmans, Carol J., UC
Spyracopoulos, Leonidas, UA
Welsh, Donald G., UC

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Berthiaume, Luc, UA
Casey, Joseph R., UA
Cross, James, UC
Davidge, Sandra T., UA
Ferguson, Stephen G., UC
Hawe, Penelope, UC
Kelvin, David J., UC
Robbins, Stephen M., UC
Shiell, Alan, UC
Tse, Frederick W., UA
Vize, Peter D., UC
Woodman, Richard C., UC

HERITAGE SCIENTISTS

Ballanyi, Klaus, UA
Bleackley, Chris, UA
Holmes, Charles, UA
Jirik, Frank, UC
Kane, Kevin, UA
Ostergaard, Hanne, UA
Prochazka, Arthur, UA
Riabowol, Karl, UC
Schnetkamp, Paul, UC
Sharkey, Keith, UC
Sutherland, Robert, UL
Taylor, Diane, UA
Vance, Dennis, UA
Vogel, Hans, UC

*UA is University of Alberta;
UC is University of Calgary;
UL is University of Lethbridge;
ACB is Alberta Cancer Board

For more information about these awards, and for general and funding information on AHFMR, contact:

AHFMR, 3125 Manulife Place
10180 – 101 Street
Edmonton, Alberta T5J 3S4

Phone: (780) 423-5727
e-mail: postmaster@ahfmr.ab.ca
website: www.ahfmr.ab.ca

DR. SANDRA DAVIDGE

Heritage Senior Medical Scholar, Perinatal Research Centre and Department of Physiology,
Faculty of Medicine and Dentistry, U of A

DR. RONALD PLOTNIKOFF

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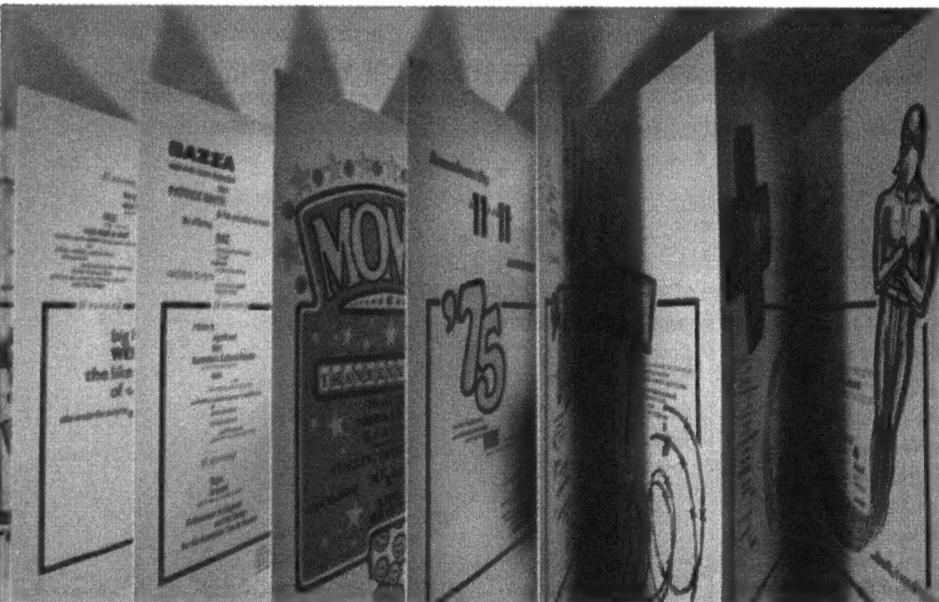


By Terese Brasen

There is no touching here. But the books, encased behind glass in the basement of Rutherford South, clearly deserve to be held, touched and adored.

Today, paperbacks and videos rule. We dog-ear books, scar them with yellow highlighter and read in our bathrooms. But once upon a time, just 700 years ago, every book was one of a kind. "They are great treasures now," special collections librarian John Charles says of 15th

penned *Les Tres Riches Heures*, there was no known way to reproduce any book. Bookmaking technology had surged past the clay tablets of 3,500 BC, the thin leather of the Dead Sea Scrolls and the first paper, a mixture of plant bark, discarded cotton and old fish nets. But until 1454 when German engraver and businessman Johann Gutenberg brought moveable type and printing to Europe, bookmaking amounted to paper, pen and ink.



Century illuminated medieval manuscripts, facsimiles of which are on display in the University of Alberta's Bruce Peel Special Collections Library. The current display, entitled *Graphic Design and Fine Printing: Five Centuries*, is made up of 32 books that take you through time, from medieval manuscripts to 20th century pulp fiction.

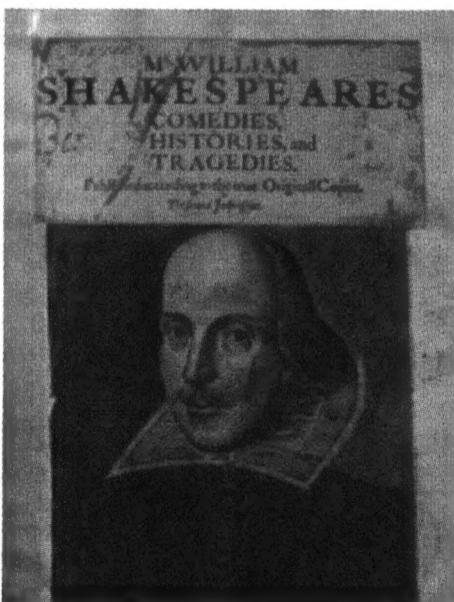
Today, money might buy you a Lexus or big-screen TV. In 15th century France, however, conspicuous consumption meant hiring the best and most expensive artists to create your own prayer book—a book of hours with personal prayers for every hour and season. The original *Les Tres Riches Heures du Duc de Berry*, a French book of hours, is in the Musée Condé in Chantilly, France. The university has a facsimile, not to be confused with the blurry, black and white electronic fax. These facsimiles are valuable in themselves: the most expensive one in the Bruce Peel collection cost \$18,000 U.S. In 1413, when the Limbourg brothers

In 1482, England's first printer, William Caxton, printed *Polycricon*, followed two years later by his own translation of Aesop's History and Fables. Original Caxtons are rare and expensive—\$80,000 to \$90,000 a copy. The U of A has an original leaf from *Polycricon* and a facsimile of *Aesop's Fables*. The Caxton facsimile shares the shelf with a 1546 edition of the Fables printed in the original Greek by one of France's early printers.

Jump ahead 123 years. John Milton had completed his epic poem, *Paradise Lost*. No one would have imagined Chapters or Amazon.com, but books were becoming business. Six London booksellers were competing for sales, so S. Simmons printed unique title pages for each store. The Bruce Peel first edition contains the title page from the sixth and last store.

Most literature students encounter *Paradise Lost* as a few pages in the massive *Norton Anthology of Literature*.

Exhibit chronicles the printed word's role in society



But *Paradise Lost* should be a stand-alone. Since its release in 1669, printers and book designers have returned to the poem for inspiration. In 1759, John Baskerville printed an oversized version, using rich heavy paper and dramatic line drawings.

Who is Baskerville? Check your computer's font list for the Baskerville font, one of his many contributions to printing.

Two hundred years after Gutenberg, printers like Baskerville had mastered the technology. A mass-produced book could now look and feel like a one-of-a-kind treasure.

Along with the original *Paradise Lost* and Baskerville's version, the Bruce Peel display shows us an original 1792 French printing using coloured stipple engravings, a 1931 release using woodcuts and a modern 1991 design illustrated by London's Ian Pollock. *Graphic Design and Fine Printing: Five Centuries* includes early Bibles, first edition Shakespeare, Raymond Chandler, D.H. Lawrence and others, then closes with modern art books that explore the visual possibilities of print.

The exhibit is aimed at graphic design students from the University's Art and Design program and the Faculty of Extension.

But anyone interested in words, paper and pictures can learn a lot from these facsimiles, first editions and modern designs. Don't touch—but take a moment to breathe in the visuals and the history.

Graphic Design and Fine Printing: Five Centuries will be on display in the University of Alberta's Bruce Peel Special Collections Library until April 30.

folio back page

Photos by Chik-Ahn Jeong